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·	HLMMW5	HLMMW7	HLMMW7	HLMMX19

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+	760651	1 - 221	15 - 235	W73175, W73147, and AF086335.

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1 - 334	1 - 192	1 - 568	1 - 506	1 - 444									1 - 143	1 - 680						1 - 725	1 - 428
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HLMNB94	2757	575838	1 - 245	15 - 259	AA730982, AA278761, and AA815056.
HLMNE84	2758	760695	1 - 348	15 - 362	
HLMNG08	2759	876147	1 - 902	15 - 916	AI732794, AI821335, AI379196, AA486273, AA486272, AI734181, AA228776, AI821049, T64007, AI865113, and T64086.

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15 - 342	15 - 433	15 - 407	15 - 371	15 - 238	15 - 270	15 - 470																														
1 - 328	1 - 419	1 - 393	1 - 357	1 - 224	1 - 256	1 - 456																			•											
921008	787043	575921	920361	531356	835623	935626			•										****														-			
2760	2761	2762	2763	2764	2765	2766																														
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	1 - 402	1 - 323	1 - 268	1 - 132	1 - 296
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	HLMNL08	HLMNL23	HLMNL55	HLMNL57	HLMNL64

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	15 - 442	15 - 451	15 - 201	15 - 356																			
	1 - 428	1 - 437	1 - 187	1 - 342																			
	668746	577649	577106	575889								·						•	,		•		
	2772	2773	2774	2775																			
	HLMNM19	HLMNM39	HLMNM44	HLMNM61			-																

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-	AA669135, AI659453, AA744875, AI418094, and N86865.	AA115833.				AA077367, AA678404, AA631482, H11448, AI018726, AW075863, AI439045, AA627180,	A WOOVOUL) 11.10.524 AA VOLOUGH, AAVVOLOZZZZ AAVOUSZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ	AA643451, AA800116, F24531, A1369076, AI690497, AA558404, AA65/910, AI/32243,	AA603432, AI903464, AW084152, C05882, AA838162, AA774006, AI537814, AA706845,	AA429481, F31203, H69179, AA658018, AW409692, AA507526, AW069227, AA640252,	AW074839, R33826, AI694178, AA683154, AA372881, AI251576, AI634187, AA720750,	AA985145, AW117831, AA728890, AI306232, AA482786, AI457313, T98651, AI339302,	AI583466, M60806, AC007225, AC005412, AC006050, AF042084, AC000050, AL031681,	AL022336, AC009363, AF111167, AC008008, AL023575, Z82976, AC005245, AF031077,	AC004152, AR060471, AC005295, AL031427, AC007205, AC004975, AC005839, AL079301,	AL031602, AC004662, AC007227, AI251973, AC005006, U65406, AC004856, AC009247,	AL096791, AC005231, AC002040, Z67997, AC007421, AL022166, Z83820, AC006312, U29953,	AC004596, AC004134, AC004983, AC008119, AC009399, AC005740, Z68226, AC004878,	AL049697, AC002550, AC004143, AC003109, AL021368, AC005355, AJ006998, AL133241,	AL121769, AC004019, AC006480, AP000967, AL031670, AC007676, AL021937, AC004962,	AF200465, AC005399, AC008012, AC018725, AC006512, Z82097, AC004967, AL008734,	AC005902, AC006597, AL009182, AC004016, AC004796, AC003964, AP000547, AL009181,	AC005747, AC006581, AC007040, AC007312, Z93023, AC005615, AC002036, AL078581,	AL022098, Z85986, AC005670, AP000354, AC006014, AC005514, Z82198, AC005895,	AB020860, AL031735, AC005089, AC006112, Z82172, AL132777, AL049874, Z85988,	AC005071, AC006211, AL049631, AF002223, AC004447, AF170815, AC004007, AL049557,	AC003687, AC007993, AC007968, AC004492, AC004030, AC006084, AC005838, AJ000219,	D89927, AC002400, U02047, Z92542, AC004535, AL031588, AC003686, Z81450, AC004820,	AC004652, AC006505, U91321, U95740, AB023049, AL033547, AC006388, AC005202,	AF121781, U73169, AC006213, AP000228, S83170, AF196969, AF031075, AC006160,	AC004528, Z95116, AL035079, AL022316, M37468, AC005863, AC005548, Y11107, AC004798,	AL096755, AP000140, AC005488, AL078583, AC005924, AL031053, AL021878, U52112,	AC006205, AC007435, Z69667, AC004589, AC002310, U63630, AF146367, Z99755, AC003104,	AF124523, AC008928, AL049795, Z97056, AC004896, AL035045, AC006208, AC006441,	AC003070, AP000088, AP000513, AL117344, AD000092, AF001552, U51022, AC007899,	S77764, AP000694, AC004485, AF001549, AC005036, AC005621, AL049861, AC009248,
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1 - 387	1 - 539	1 - 339	1 - 290	1 - 240	1 - 443	1 - 382																														
95026	968377	575906	752366	745733	577693	577157	•					-			-											-										
2776	2777	2778	2779	2780	2781	2782																														
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	15 - 328	15 - 374	15-351	15 - 303	15 - 599	15 - 508	15 - 466	15 - 359	15 - 444	15 - 354	15 - 258
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	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806
	HLTAT22	HLTAT93	HLTAU67	HLTAW36	HLTAW69	HLTBL46	HLTBN29	HLTBO49	HLTBU04	HLTBW51	HLTBX34

AA362014, and AF053630.	AL034343.		AL096816.	AA884484, and AC007068.	AA361503, and Z96050.			AF118078.	AI904944, AA326452, AA135988, AA857812, AI799421, AA878407, N70449, AA831801,	AI798041, AA714073, AA320105, AI419337, AI361090, AA302978, N23919, H93152,	AA371410, C14330, AA577824, AA626829, AI421950, N75708, AW089550, AA832016, D51877,	H67064, AA279385, AI114557, AA017690, AA326904, AW026305, AA719111, AA135811,	C16358, AI914713, H43183, AA296604, AI270120, AW019964, AI886736, AI908508, AA092704,	AW381198, AW381196, H79586, AA586433, H71738, AI054244, AI671077, AI431513,	AA021139, AA381762, AA828867, R83068, AI609972, AL040430, AI580707, AW079809,	AI583344, AI908525, AA828047, AI865776, AA558404, AA553570, AA338623, AI791718,	AA862029, AA610255, AI192463, AW163763, AA364420, AA367788, AW089783, AA569597,	AL041375, AA077776, AI797998, AA102737, AA324088, AI283938, AI185394, AI819391,	AW390309, AW247389, AA854460, AI279417, AW265279, AA728861, AI538818, AA745543,	AI889579, AL120976, AA385775, T60699, AA326330, AW265276, AA553900, AA565319,	AA228778, AA152253, AI423018, AA834799, AI679413, AA487569, AI349130, AA608520,	AA493789, AI445373, R67701, AI889705, T93109, AA937809, AA136477, AW002831,	AA730488, AW008184, AA525331, AA502098, AI609574, AW340937, AA847413, AW300749,	AA745628, AA365980, AA658934, AA378474, AA805573, AA384911, AI696550, H91704,	AI310670, AA074351, R93854, AI927393, AA593471, AA493447, AL118925, AI750125,	U85195, AE000658, AF047825, AC005086, AP000350, AF038458, I34294, AL023807,	AC002400, AC006011, AC005971, AC005484, AC006511, AL022721, AL031427, AC009247,	Z98047, AC006344, AC004883, Z83845, AC007384, AP000704, Z97181, AC004707, AL022320,	AC006449, AC004882, AL049843, AC002425, AC004905, AC018633, Z73359, AC006996,	AC005215, AL121653, AL034420, AC004263, Z93930, AL133382, AP000008, AL109952,	AC004966, AP000504, AL031589, AL139054, AL049548, AC004881, D87675, AC002395,	Z82206, AC007774, AL031230, AC005529, AF111168, AL049694, AL035072, AC006160,	AC005081, AL049845, AC005630, AC004797, AL050350, AC005015, Y15994, AL008635,	AC007676, Z98051, Z82976, AC004884, AL035460, AC007055, AC005602, L47234, AL096703,	AC005306, AC006132, AC007637, AL049776, AP000030, AC008928, AC005924, AL121603, AF129756, AL133246, AC007160, AC002316, AC005476, AL109827, AC000075, AC004471
15 - 160	15 - 277	15 - 307	15-316	15 - 339	15 - 256	15-310	15 - 549	15 - 683	15 - 235		,																								
1 - 146	1 - 263	1 - 293	1 - 302	1 - 325	1 - 242	1 - 296	1 - 535	1 - 669	1 - 221																										
522698	571328	856603	574714	772378	508932	973100	934619	971722	711453							-							-												
2820	2821	2822	2823	2824	2825	2826	2827	2828	2829																										
HLTDD44	HLTDD62	HLTDE78	HLTDK54	HLTDK64	HLTDL71	HLTDT14	HLTDY57	HLTEA13	HLTEE40														-												

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	15 - 149	15 - 602	15 - 320	15 - 362
	1 - 135	1 - 588	1 - 306	1 - 348
	871203	720474	723405	793033
	2830	2831	2832	2833
	HLTEF24	HLTEI47	HLTEI53	HLTEK94

					AC004400, Z69917, AB020858, AF130343, L42240, AC004149, AC006026, D26067, L05367, AF151679, AP000294, D87015, Z81000, AF037338, AC005853, Z70688, AC000082, AC004257, AP001063, AL080238, AL049741, and AL022575.
HLTEL11	2834	967529	1 - 319	15 - 333	
HLTEL25	2835	508607	1 - 231	15 - 245	AA360683.
HLTELS9	2836	851867	1 - 687	15 - 701	AA664604, T77882, AI271985, AW084100, AA857812, AI421950, AC002511, AC002997, AL022316, AC003037, AL049759, AL049776, AL049829, AC006538, Z98884, AF002223, AC006121, AC007193, AC007055, AC004878, AC005324, AC005512, AF196969, AC002544, AC006121, AC007182, AC002316, AC005371, AL133245, AC004148, U91326, AC007227, AC006449, AC005015, AC002316, AC005031, AL133371, D87675, AL080245, AL049872, AC006449, AC006064, Z68165, AC007066, Z83847, AC005913, AF030876, AC005399, AC005531, AC006491, AC006241, AC002310, AP000141, AC003029, AC007707, AC007216, AC005736, AC006111, AC009516, Z85986, AL096791, AF205588, AC005363, Z86090, AC006736, AC006249, AC005057, AC016027, AC006013, AC005363, Z86090, AC006736, AL03786, AC0062425, AC004832, AC006237, AL008718, AB003151, AC003884, AC007226, AF111167, AC0042425, AC004217, AC004644, AC002553, AL023575, AL022311, AC004918, AC0062425, AC004217, AC006464, AP0005055, AC006481, AC006664, AP0005056, AC006249, AC006441, AC006464, AC002553, AL139542, AC003006, AF11219756, AL03587, AL135744, AL033402, AL082337, AC004888, AC004888, AC006488, AC006671, AL03402, AL03402, AC006241, AP000130, AC00657, AC006766, AP000130, AC00657, AC006113, AC006113, AC006766, AL036766, AL036766, AL036766, AL036587, AL135744, AL03402, AL03284, AL121825, AC004881, AC004883, AC004299, AC005201, AL03402, AL03402, AL033392, AC006511, AL03402, AC00562, AL03838, AC004299, AC005102, AP000512, AC006504, AC006562, AR165926, L78833, AC004987, AL121825, AC006417, AL0340676, AC006587, AL035882, AC004883, AC004299, AC005102, AL03883, AC004883, AC004883, AC004883, AC004883, AC004883, AC005804, AC005604, AC006504, AC
HLTE088	2837		1 - 321	15 - 335	CONTRACTOR OF THE CONTRACTOR O
HLTES50	2838		1 - 299	15-313	Al218868, Z45382, Al273004, AA018678, and AA814210.
HLTES59	2839		1 - 260	15 - 274	AC006323.
HLTEX10	2840	- 1	1 - 289	15-303	
HLTEX38	2841	573353	1 - 287	15 - 301	
HLTEZ24	2842	572779	1 - 456	15 - 470	AA361279.
HLTEZ33	2843	574634	1 - 344	15 - 358	
HLTFA05	2844	932221	1 - 539	15 - 553	

AI431786.	AA813267, AW341552, AA878516, AA612649, AI935832, H17239, AA213623, AA720884, AI621368, Z44756, N74953, T75192, and R37793.	AA705418, AA682828, N64118, AI940034, AA987277, AA340035, AA484366, AI982809, R60108, T90092, AA918258, AW337710, AA643794, AI348199, H02927, T63790, AC005538, AP000512, AC002394, AC007151, AL021707, AF207550, AP000295, AL008718, Z85987, AC008044, AL035458, AP000044, AP000112, AB023051, AC004448, AC002563, AL133485, AC007216, AC005071, AC007226, AC005291, AC004967, AC00725, AC005529, AL022476, AC007845, U08988, AC003666, AC007057, AL031681, AL022721, AL035090, AC006544, AC004779, AC004216, AL031390, AC008008, AC005163, AL109984, AC005377, AC022517, AC002997, AL121825, AL132777, AC005921, and AC004228.	AC005037.			AC004757, AC005962, AC004821, AL031985, AC004491, AL133500, AC004149, AC004895,	AC007637, AC004671, AC005768, AL021546, AC004131, AC003108, AC016027, AC016839, and AP001054.		H90456, AA284708, AA805701, AI380487, AA203607, AI810648, AI829784, AI765051, AI126802, and AI367405.	AW205342, AA394225, AA398138, AI189026, AA283901, AI088021, AW196580, and AA504369.	AA992324.			AC004921.	AC008062.		AI246061, AA324919, AI801563, AI054090, AA838192, AI539822, AA419225, N27874, AL048479, AI284543, AI254770, AI251944, AI251034, AI251203, AI251284, AI250552, AA557911, AI673038, AI292275, 297630, AC007688, AC007283, AIC022311, AL034553, AL109628, AB003151, AL109758, AC005837, AC004955, AC005844, AP000689, AC003689, AC004531, AC003010, AC005808, AL020997, AC005531, AL008730, AC007263, AP000116, AC007738, AC003663, AC006251, AC007051, AL049743, AC007384, AC002398, U95739, AC002301, AP000152, AC006449, AL109627, AC002091, AC002395, AC004334, U91321,
15 - 216	15 - 1594	15 - 438	15 - 310	15 - 524	15 - 470	15 - 435		15 - 429	15 - 454	15 - 407	15 - 413	15 - 431	15 - 341	15 - 352	15 - 425	15 - 453	15 - 664
1 - 202	1 - 1580	1 - 424	1 - 296	1 - 510	1 - 456	1 - 421		1 - 415	1 - 440	1 - 393	1 - 399	1 - 417	1 - 327	1 - 338	1 - 411	1 - 439	1 - 650
703403	927449	669071	969//9	741529	973438	725140	•	744700	716323	729247	665647	747584	681233	090/9/	702078	974112	966435
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HLTFA34	HLTGF04	HLTGF55	HLTGG25	HLTGG61	HLTGM60	HLTGP51		HLTGP63	HLTGS44	HLTGV54	HLTGV64	HLTGV67	HLTGX26	HLTGY75	HLTHC34	НГТНН89	HLTHII1

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	15 - 543	15 - 296	15 - 255						15 - 265	15 - 305	15 - 484	15 - 838	15 - 507	15 - 717									
	1 - 529	1 - 282	1 - 241						1 - 251	1 - 291	1 - 470	1 - 824	1 - 493	1 - 703									
	707245	719927	969356						697550	923482	965126	780482	986896	671074									
	2862	2863	2864						2865	2866	2867	2868	5869	2870			•						
	HLTHJ35	HLTHJ68	нстноіз						HLTH031	HLTH046	HLTHS75	HLTHV83	HLTIJ72	HLYAA21									

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					AC002128. AC007676. AC005256. AL121852. AL031315 134294 AL0349496, AC002504,
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					AC006211, AC00712, AF130343, AC004033, AL031665, AC006011, AC002375, AC009044, AF196971, AC005057, AF053356, AC00256 AC005971, AC005057, AF053356, AC00256
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					AC004466, AL109983, AC005514, AC007193, AC008079, AL035410, U17576, AP000117,
					AC007136, AP000313, AF207550, AC004858, AC006132, X55448, U52112, Z99716, AC002390,
					AL021306, Z49235, Z82214, AL035415, AC005500, AC005277, AC003035, AC006062,
	·				AC002429, AC006449, AL049631, AL008707, AC004000, Z82190, AC002404, AL035400, AT 035423, AL 021920, AB018205, AL 031311, AC002020, AC005002, M20020, AL 020027
·	<u></u>				AC006125, AC003098, AC011331, AP001052, AF031078, AP000049, M29929, AL020997,
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			···		AC004743, AL049829, Z98742, AF030876, AC004999, AL022163, AC006057, AC005736,
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					AC003967, AC000159, AL049834, AC004584, Z84813, AC004797, AC004073, AF109907,
					L44140, AP001063, AC006088, AL031732, AF030453, AC004099, AL109656, Z82248, Z94865,
					AC005088, AF107259, AP000239, AC005876, AP000952, AL109839, AC006277, AC003109,
					M87918, AD000684, AL050318, AC007225, U10087, AC005081, AC005516, AC005726,
					AC007376, AC008062, AC002107, AC006398, AL049795, AC006050, AC004475, AL031433,
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			,		AC004605, AC007773, AL133396, AC005335, and AC006515.
HLYAA41	2871	909874	1 - 819	15 - 833	AI074002, AW014573, AA326846, AI084046, AA070889, AW194509, H44725, AI241812,
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111 17 4 444	2000	064941	1 262	15 276	A45/81, E12888, AL122049, AL133607, AL133053, AL133049, AL133015, and AL133608.
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HLYAB02	2873	920407	1 - 333	15 - 347	
HLYAB38	2874	861161	1 - 444	15 - 458	U81830, and AC007450.
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2885         924042         1 - 699         15 - 713           2886         964748         1 - 418         15 - 432           2887         681892         1 - 462         15 - 476           2888         868396         1 - 615         15 - 629           2889         935552         1 - 517         15 - 531           2890         576596         1 - 502         15 - 516           2891         689969         1 - 691         15 - 516           2892         780987         1 - 373         15 - 387           2893         707248         1 - 373         15 - 387           2894         575868         1 - 379         15 - 333           2895         825513         1 - 356         15 - 370           2895         875863         1 - 309         15 - 378           2897         916635         1 - 464         15 - 478           2898         871648         1 - 753         15 - 476           2899         717644         1 - 462         15 - 476           2899         717644         1 - 462         15 - 476
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2884         698104         1-463         15-477           2885         924042         1-699         15-713           2886         964748         1-418         15-432           2887         681892         1-462         15-476           2888         868396         1-615         15-629           2890         576596         1-517         15-531           2891         689969         1-691         15-516           2892         780987         1-373         15-387           2893         707248         1-379         15-346           2894         575868         1-379         15-346           2895         825513         1-356         15-343           2895         875863         1-309         15-333           2897         916635         1-464         15-478           2898         871648         1-753         15-476           2899         717644         1-462         15-476           2899         717644         1-462         15-476
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2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2887       681892       1-615       15-629         2889       935552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-705         2892       707248       1-373       15-387         2893       707248       1-379       15-393         2894       575863       1-379       15-333         2895       575863       1-309       15-323         2895       575863       1-364       15-378         2897       916635       1-464       15-478         2898       871648       1-753       15-767         2899       717644       1-462       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2890       576596       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-33         2892       780987       1-373       15-387         2893       707248       1-379       15-393         2894       575868       1-379       15-393         2895       825513       1-366       15-323         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2898       871648       1-753       15-476         2899       717644       1-462       15-476         2890       717644       1-462       15-476
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2884       698104       1-463       15-477         2885       924042       1-699       15-477         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2887       681892       1-615       15-629         2889       935552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2892       780987       1-373       15-386         2893       707248       1-379       15-393         2894       575863       1-309       15-333         2895       575863       1-309       15-323         2896       575863       1-364       15-378         2897       916635       1-464       15-478         2898       871648       1-753       15-767         2899       717644       1-462       15-476         2899       717644       1-462       15-476
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2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2887       681892       1-615       15-629         2888       868396       1-615       15-629         2890       576596       1-502       15-516         2891       689969       1-691       15-516         2892       780987       1-373       15-387         2893       707248       1-379       15-380         2894       575868       1-379       15-333         2895       575863       1-309       15-323         2895       575863       1-309       15-323         2897       916635       1-464       15-478         2898       871648       1-753       15-476         2899       717644       1-462       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-477         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2890       576596       1-517       15-531         2891       689969       1-691       15-516         2892       780987       1-373       15-387         2893       707248       1-379       15-333         2894       575868       1-379       15-393         2895       575863       1-309       15-323         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2898       871648       1-753       15-476         2899       717644       1-462       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-462       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2889       935552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2892       78087       1-373       15-387         2893       707248       1-332       15-346         2894       575863       1-379       15-333         2895       825513       1-366       15-370         2895       875863       1-309       15-323         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2899       717644       1-462       15-476         2899       717644       1-462       15-476         2899       717644       1-562       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2889       935552       1-517       15-531         2890       576596       1-502       15-536         2891       68969       1-691       15-536         2892       780987       1-373       15-337         2894       575868       1-379       15-393         2895       825513       1-356       15-303         2896       575863       1-309       15-323         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2899       717644       1-462       15-476         2899       717644       1-462       15-476         2890       717644       1-53       15-476
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2884       698104       1-463       15-477         2885       924042       1-699       15-477         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2889       935552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-705         2892       780987       1-373       15-387         2893       707248       1-379       15-393         2894       575868       1-379       15-393         2895       575863       1-309       15-323         2895       575863       1-309       15-323         2896       575863       1-309       15-378         2897       916635       1-464       15-478         2898       871648       1-753       15-476         2899       717644       1-462       15-476         2899       717644       1-616       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2889       93552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-705         2892       780987       1-373       15-387         2893       707248       1-379       15-333         2894       575863       1-379       15-333         2895       825513       1-356       15-323         2895       575863       1-309       15-323         2896       575863       1-364       15-478         2897       916635       1-464       15-478         2899       717644       1-462       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2887       681892       1-615       15-629         2888       868396       1-615       15-629         2890       576596       1-517       15-531         2891       689969       1-691       15-516         2891       68969       1-691       15-387         2892       780987       1-373       15-387         2893       707248       1-379       15-393         2894       575863       1-379       15-393         2895       825513       1-356       15-323         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2899       717644       1-462       15-476         2899       717644       1-462       15-476         2899       717644       1-562       15-476         2899       717644       1-562       15-476         2899       717644 <t< td=""></t<>
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2884       698104       1 - 463       15 - 477         2885       924042       1 - 699       15 - 477         2886       964748       1 - 462       15 - 476         2887       681892       1 - 462       15 - 476         2887       681892       1 - 462       15 - 476         2887       681892       1 - 615       15 - 629         2889       935552       1 - 517       15 - 516         2890       576596       1 - 502       15 - 516         2891       689969       1 - 691       15 - 516         2892       780987       1 - 373       15 - 387         2893       707248       1 - 379       15 - 333         2894       575863       1 - 379       15 - 393         2895       575863       1 - 332       15 - 323         2896       575863       1 - 309       15 - 378         2897       916635       1 - 464       15 - 478         2898       871648       1 - 753       15 - 476         2899       717644       1 - 462       15 - 476         2899       717644       1 - 462       15 - 476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-462       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2889       935552       1-517       15-531         2890       576596       1-502       15-536         2891       689969       1-691       15-705         2892       780987       1-373       15-387         2893       707248       1-379       15-333         2894       575863       1-379       15-333         2895       825513       1-356       15-323         2895       875863       1-309       15-323         2896       575863       1-364       15-478         2897       916635       1-464       15-476         2899       717644       1-462       15-476         2899       717644       1-616       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2887       681892       1-615       15-629         2888       868396       1-615       15-629         2890       93552       1-517       15-531         2890       576596       1-502       15-516         2891       689699       1-691       15-536         2892       780987       1-373       15-387         2893       707248       1-373       15-383         2894       575868       1-379       15-393         2895       825513       1-356       15-323         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2899       717644       1-462       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2899       576596       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2892       780987       1-373       15-387         2893       707248       1-379       15-380         2894       575868       1-379       15-333         2895       875863       1-309       15-323         2895       875863       1-309       15-378         2897       916635       1-464       15-478         2899       717644       1-462       15-476         2899       717644       1-462       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-477         2886       964748       1-418       15-432         2887       681892       1-462       15-432         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2890       576596       1-502       15-516         2891       689969       1-691       15-516         2892       780987       1-373       15-387         2893       707248       1-379       15-383         2894       575868       1-379       15-393         2895       575863       1-309       15-323         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2898       871648       1-753       15-476         2899       717644       1-462       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-477         2886       964748       1-462       15-476         2887       681892       1-462       15-476         2887       681892       1-462       15-476         2887       681892       1-615       15-629         2888       868396       1-615       15-629         2890       576596       1-502       15-516         2891       689969       1-691       15-516         2892       780987       1-373       15-387         2893       707248       1-379       15-393         2894       575863       1-379       15-393         2895       575863       1-309       15-323         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2899       717644       1-462       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-462       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2889       93552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2892       780987       1-373       15-387         2894       575868       1-379       15-333         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-364       15-378         2897       916635       1-464       15-478         2898       871644       1-753       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-629         2888       868396       1-615       15-629         2889       93552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2893       707248       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-364       15-378         2897       916635       1-464       15-478         2898       871644       1-753       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2889       935552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2892       780987       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-364       15-378         2897       916635       1-464       15-478         2899       717644       1-462       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2888       668396       1-615       15-629         1288       868396       1-615       15-629         2890       576596       1-517       15-531         2890       576596       1-502       15-516         1289       93552       1-517       15-531         2890       576596       1-691       15-337         2891       689969       1-691       15-337         2893       707248       1-373       15-393         2894       575868       1-379       15-393         2895       825513       1-36       15-370         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2899       717644       1-462       15-476         2890       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-432         2887       681892       1-615       15-476         2888       868396       1-615       15-629         2888       868396       1-615       15-531         2890       576596       1-502       15-531         2890       576596       1-691       15-337         2891       68969       1-691       15-337         2893       707248       1-373       15-393         2894       575868       1-379       15-393         2895       825513       1-366       15-323         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2899       717644       1-762       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2888       688396       1-615       15-629         2888       868396       1-615       15-629         2890       576596       1-517       15-531         2890       576596       1-502       15-337         2891       689969       1-691       15-33         2893       707248       1-373       15-393         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2899       717644       1-462       15-476         2899       717644       1-462       15-476
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2884       698104       1-463       15-477         2885       924042       1-699       15-477         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2887       681892       1-462       15-476         2887       681892       1-615       15-629         2888       868396       1-615       15-516         2899       576596       1-502       15-516         2890       576596       1-502       15-387         2891       689969       1-691       15-387         2892       780987       1-373       15-387         2893       707248       1-379       15-393         2894       575868       1-379       15-393         2895       575863       1-36       15-370         2895       575863       1-36       15-373         2896       575863       1-36       15-373         2897       916635       1-464       15-478         2899       717644       1-462       15-476         2899       717644       1-601       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-477         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2887       681892       1-615       15-629         2888       868396       1-615       15-516         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2892       780987       1-373       15-387         2893       707248       1-379       15-393         2894       575868       1-379       15-393         2895       575863       1-366       15-370         2895       575863       1-364       15-373         2895       575863       1-364       15-378         2896       575863       1-364       15-378         2897       916635       1-464       15-478         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2887       681892       1-62       15-629         2888       868396       1-615       15-629         2889       93552       1-517       15-516         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2892       780987       1-373       15-346         2893       707248       1-379       15-393         2894       575868       1-379       15-370         2895       575863       1-364       15-373         2896       575863       1-364       15-373         2897       916635       1-464       15-478         2898       871648       1-753       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-462       15-477         2887       681892       1-462       15-476         2887       681892       1-62       15-476         2887       681892       1-615       15-629         2888       868396       1-615       15-516         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2892       780987       1-373       15-346         2893       707248       1-373       15-346         2894       575868       1-379       15-370         2895       575863       1-36       15-373         2896       575863       1-36       15-373         2896       575863       1-36       15-373         2897       916635       1-464       15-478         2899       717644       1-462       15-476
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2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-462       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2889       935552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-705         2892       780987       1-373       15-387         2893       707248       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-464       15-478         2898       871648       1-753       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-462       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2889       935552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-705         2892       780987       1-373       15-387         2893       707248       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-464       15-478         2898       871648       1-753       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-462       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2889       93552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2892       780987       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2898       871648       1-753       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-462       15-476         2887       681892       1-462       15-476         2887       681892       1-62       15-629         2888       868396       1-615       15-629         2890       576596       1-502       15-531         2891       689969       1-691       15-516         2891       689969       1-691       15-387         2892       778087       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-364       15-478         2897       916635       1-464       15-476         2899       717644       1-462       15-476         2899       717644       1-616       15-476
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2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2887       681892       1-62       15-629         2888       868396       1-615       15-629         2890       576596       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2891       689969       1-691       15-387         2893       707248       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-464       15-478         2897       916635       1-464       15-476         2899       717644       1-462       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2889       93552       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-387         2893       707248       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-309       15-323         2897       916635       1-464       15-478         2898       871648       1-753       15-476         2899       717644       1-462       15-476
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2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2888       868396       1-615       15-531         2890       576596       1-517       15-531         2890       576596       1-502       15-387         2891       689969       1-691       15-387         2893       707248       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-464       15-478         2899       717644       1-762       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2888       868396       1-615       15-531         2890       576596       1-517       15-531         2890       576596       1-502       15-387         2891       689969       1-691       15-387         2893       707248       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-464       15-478         2899       717644       1-762       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2888       868396       1-615       15-531         2890       576596       1-517       15-531         2890       576596       1-502       15-387         2891       689969       1-691       15-387         2893       707248       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-464       15-478         2899       717644       1-762       15-476         2899       717644       1-462       15-476
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2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2888       868396       1-615       15-531         2890       576596       1-517       15-531         2890       576596       1-502       15-387         2891       689969       1-691       15-387         2893       707248       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-464       15-478         2899       717644       1-762       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2888       868396       1-615       15-629         2888       868396       1-615       15-531         2890       576596       1-517       15-531         2890       576596       1-502       15-387         2891       689969       1-691       15-387         2893       707248       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-464       15-478         2899       717644       1-762       15-476         2899       717644       1-462       15-476
2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-476         2887       681892       1-462       15-476         2888       68396       1-615       15-629         2888       868396       1-615       15-629         2890       576596       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-337         2893       707248       1-373       15-387         2894       575868       1-379       15-393         2895       825513       1-366       15-370         2896       575863       1-309       15-323         2896       575863       1-364       15-478         2897       916635       1-464       15-476         2899       717644       1-462       15-476         2899       717644       1-62       15-476
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2884       698104       1-463       15-477         2885       924042       1-699       15-713         2886       964748       1-418       15-432         2887       681892       1-462       15-476         2887       681892       1-615       15-629         1 2888       868396       1-615       15-629         2890       576596       1-517       15-531         2890       576596       1-502       15-516         2891       689969       1-691       15-337         2893       707248       1-373       15-393         2894       575868       1-379       15-393         2895       825513       1-366       15-379         2896       575863       1-309       15-323         2896       575863       1-464       15-478         2899       717644       1-762       15-476         2899       717644       1-62       15-476
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	To concludation to the control of th	ARB2092, AW 105729, AA744993, AG003988, AA635433, AA687542, AG09502, AAV 1057294, AG72029, AA749993, AA703988, AA654082, AA515924, AG192030, AA7158658, AA572080, AA515924, AG72039, AA556689, AA862029, AL58249, AA510204, AA71537, AA728861, AL57279, AI590404, AW079667, AI591134, AA244181, AI678476, AA715351, AA728861, AL5779, AI590404, AU752078, AA866028, AA865492, AA8654029, AA865779, AI805699, AA865312, F17537, AA73000, AI751191, F23221, AA27214, AA768719, AA216884, AAW056498, AA8642020, AA8150234, AAW056498, AA865420, AA716763, AA768749, AA7167949, BA277849, BA27849, BA27849, AA768719, AL121039, AL138025, NY8600, F35201, A873000, AA7102583, AA668421, AA768179, AL121039, AL130994, AA147521, H91368, AB19388, AB10704, AA78894, AL1040594, AL17403, F31811, AA130696, AA34526, AW243945, AW192393, F08866, AI592421, AC006941, AA060553, AC006538, AL03225, AF098895, AR019549, AA76871108, AA768179, AL109956, AC005501, AC006933, AC006538, AC006538, AL03225, AF098895, AR01949, AR000553, AC006538, AC006538, AC006538, AC006538, AC006538, AC006538, AC006538, AC006538, AC006529, AC006991, AC006391, AC006939, AC006539, AC006987, AC008991, AC006981, AC006911, AL03581, AC006639, AC006529, AC006990, AF064861, AC006911, AL03581, AC006639, AC006529, AC006360, U85195, AL03247, AC006987, AC006536, AC006529, AC006369, AC006360, U85195, AC006351, AC006529, AC006369, AC006360, U85195, AC006351, AC006529, AC006391, AC006391, AC006351, AC006329, AC006361, AL035421, AC006360, AC006351, AC006329, AC006329, AC006360, AC00636, AC006353, AC006329, AC006369, AC006366, AC00636, A
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1 - 470	1 - 486	1 - 645
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2901	2902	2903
HLYBA96	HLYBB50	HLYBB65

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HLYBG18	2907	575872	1 - 465	15 - 479	
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AW238768, AW085740, AL137954, AI610607, AI144330, AI572560, H64560, AA325699, AI469624, AL041733, Z94865, AC006350, AF001549, AP000508, AC004947, AL033521, Z92540, D84394, AL109984, AC005968, AC004982, AC004098, AC007565, AL1211653, AL031009, AC007344, AC005746, AC004092, AC006092, AC005317, AL02382, AC006121, AF111169, AP001049, AC005746, AC004037, AC000902, AC00517, AL02382, AC004005, AC004005, AC005361, AL109798, AP001050, U80017, U91328, Z70281, AF108083, AC004205, AC004205, AC005364, AC006401, AF000090, AC003404, AC005362, AC002380, AC002360, AC004006, AL031848, AC003563, AC002382, AC005281, AC005081, AL1090556, AL117352, Z82198, AC005331, AC006359, AC0064600, AL031664, AC006195, AL035659, AP0003214, AL049864, AC006359, AC005288, AC006128, AL031664, AC006195, AL035659, AP0003214, AL049869, AC005288, AC006228, AC0062081, AL1090656, AL031664, AC006195, AL033665, AC007234, AL049669, AC005288, AP000358, AC006221, AC0062081, AC005288, AC0062081, AL031664, AC006396, AC005214, AC006211, AC007308, AC0052081, AC003965, AC003965, AC004251, AC005281, AC005281, AC003965, AC004896, AC002281, AC006211, AC007308, AC004253, AC004253, AC002621, AC004283, AC004253, AC004253, AC004283, AC005281, AC005881, AC005			AA830761.	W87342, W87343, and AI797550.	N. 2284, F.51 / 92, A.1950359, and Z.9 / 055.	AC007204.	LONGARY LONGARY 1 LONGARY	AC004056, AC00/214, and AC00/458. AC004227.
	15 - 267	15 - 478	15 - 573	15 - 1078	15 - 475	15 - 401	15 - 394	15 - 442
	1 - 253	1 - 464	1 - 559	1 - 1064	1 - 461	1 - 387	1 - 380	1 - 416 1 - 428
	728035	964752	713845	856419	625408	757084	670500	924515
	2911	2912	2913	2914	2915	2916	2917	2918
	HLYBI44	HLYBJ10	HLYBJ42	HLYBL92	HLYBM35	HLYBM75	HLYBN94	HLYBR03

	AI769511, AI692550, AW384109, AW384104, AW384108, AW384074, AW384071, AW384068, AW384073, AW384075, Z42260, AA768582, AI681360, and AL022067.	D78885.	W87923.	AI799856, and AA447275.			H66883, W03665, and AC007068.		A1094626, AW204786, AI935606, AW246712, AA336176, H92959, AI433978, AW194509, AL039276, AL045163, AI635331, AL045620, AL039421, AI923046, AI289992, and AW082113.		R98218, AA570441, AIG36734, AA324059, AW245354, AI446259, AA324559, AA720582, AA326603, AI358928, AA663074, AW162750, AA654482, T05834, AI929796, AL039930, AA593471, AA158549, H65679, N25304, AW078909, H94979, AW088557, AA457504, AA485343, AI049709, AI732720, AI734119, AW238712, AA364082, AI473995, AA484191, AA825827, AI049769, AI031761, AC002563, Z83826, U91323, AC004796, AC005516, AC005885, AC004832, AL031767, AC005657, AL031767, AC005657, AC007899, AF196972, AL031767, AC005551, AL049776, AC004821, AC005571, AC007899, AF196972, AL021154, AC005251, AL049776, AC005562, Z93017, AC004953, AC007685, AC007899, AF196972, AL021154, AC005562, Z93017, AC004953, AC007685, AC007896, AC005940, AC005562, AC005564, AL050356, AP000355, AC004953, AC004491, Z8596, AF00579, AC010170, AC007055, AL035413, AC005504, AC005084, AC005086, AC005086, AC005086, AC0050864, AC005085, AL035413, AC005508, AC004983, AL049709, AC005508, AC004983, AL049709, AC005508, AC004983, AL050318, AL049709, AC002407, AL109798, AL035413, AC004358, AC006531, AC0045011, AP0000967, AC007388, AC006531, AC004358, AC0045011, AP0000967, AC0065116, AL133744, AF129756, AC007546, AC005206, AC005206, AC00427, AL050318, AL049709, AC004247, AP000117, AP000050, AL021155, AL132987, AP0001043, AC006311, AL133163, AC005509, AC
15 - 645	15 - 495	15 - 665	15 - 446	15 - 447	15 - 466	15 - 59	15 - 432	15 - 477	15 - 312	15 - 437	15 - 648
1-631	1 - 481	1 - 651	1 - 432	1 - 433	1 - 452	1 - 45	1 - 418	1 - 463	1 - 298	1 - 423	1 - 634
712389	750318	970795	668744	527687	678175	575828	914702	727213	713837	962026	812692
2920	2921	7367	2923	2924	2925	2926	2927	2928	2929	2930	25331
HLYBR41	HLYBR83	HLYBS12	HLYBT19	HLYBT64	HLYBT69	HLYBT84	HLYBU28	HLYBU52	HLYBV42	HLYBW12	HLYBW35

AL03375, AL109758, AC003957, AC007537, AC0007542, AL022336, AC005046, AC006531, AL133244, U95738, Z95114, AP000509, Z84466, AC006126, AL034420, AC002128, AC004823, AL031282, AC002037, AC005488, AL096791, AP000704, AL139054, AC002996, AL022313, U85195, AC004686, AL121603, AC003982, AC005619, AL031390, AC020663, AC006111, AC003072, Z93023, Z83844, AC002039, AC011331, Z83838, AE000658, AC004882, AC005899, AC008079, U95739, AC004381, AL049569, AL035682, AC007151, AP000210, AP000132, AC002477, AP000694, AC002395, AC004531, AL031284, and AC004675.			AW130285, AI985694, AI979259, AI982610, AL022067, U08185, and AF084199.		AC006064.	AL120025, AA432256, AI167405, R50986, AI768683, and AI802893.	D30975, and AC005180.	AI510842.	H62775, H62835, AA397821, M77858, AL038842, AA502532, AP000511, AL020995, AE0000658,	AL109/201, AL109/201, AD001/2010, AC001/2010, AC009/201, AC004/211, AJ010/70,	AP000512, Z84486, AC002310, AC005585, AC003029, AC004491, AC004832, AL031255,	ALUS1648, ACU02283, ALU49284, ACU00333, ACU00312, ALU49369, ALU3524, ACU003484,	ACU0/314, AB001523, AF165926, ACU060/1, ACU05081, ACU06011, ACU02059, ACU04223,	AC002126, AL121653, AC007686, AC006942, AC002911, AC002312, AC005846, AP000689,	L47334, AL080242, AL035422, AC006930, Z97056, AC005046, AL009181, AC002300,	AB003151, AC004049, AC005527, AC008498, AL009172, AC006251, AL031427, AL031311,	AC005907, AC005225, AC007690, AP000691, AC004234, AC004883, AC007546, AC005529,	AC005755, AL133353, AC005157, AC005520, AC002369, AC002316, AC005015, AC007055,	AP000299, AL133246, AL049697, AC004985, AL021391, AC007899, AC005261, AL035588,	AC002115, AP000553, AC009516, AF053356, AC006271, AC005231, AC004801, AC00478,	ACUU4013, ACUU0088, 293241, ACUU4542, AL139054, ACUU39/1, ACUU3//5, ACUU3314,	ALUZZZZU, ALU49/UZ, ALU49629, ACUU/J4U, AJULIYZU, ALU4962), ACUUUU//, ALIZZZ4J, ACOOKJII ALIZZ448 ACOOMAA ALOKOZ41 ACOOMAK ADOOMAK ALIZZIKZ ACOOKZIO	ACUUUZII, ALI33446, ACUUU4U4, ALU3U34I, ACUUUUZJ, AFUUUU46, ALI33I03, ACUU30IY, ACOMAJS	AA171788, AW118642, AB029006, AJ246003, and AL121658.	AI139999,			
	15 - 349	15 - 582	15 - 387	15-412	15 - 278	15 - 588	15 - 398	15 - 802	15 - 578															15 - 507	15 - 375	15 - 540	15 - 413	15 - 384
	1 - 335	1 - 568	1 - 373	1 - 398	1 - 264	1 - 574	1 - 384	1 - 788	1 - 564															1 - 493	1-361	1 - 526	1 - 399	1 - 370
	721086	754842	577479	856430	682675	856436	770107	677758	710843															932727	908532	718930	741417	964354
	2932	2933	2934	2935	2936	2937	2938	2939	2940															2941	2942	2943	2944	2945
	HLYBX77	HLYBX84	HLYBZ17	HLYBZ23	HLYBZ60	HLYBZ86	HLYCA76	HLYCA77	HLYCC39															HI.YCC65	HLYCF12	HLYCF46	HLYCF70	HLYCH10

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R02835.	AF070718.		AA230096, and AA530904.	AI370523, N23255, AA074026, N27657, R66922, AW085624, AA579437, AI114828, AA382130, AA190418, H64735, AA491864, AA488846, AI350460, AI765684, T24020, AI092694, AA405463, AI375472, AA4418643, AA577770, AA174138, AI241173, M77904, AA38281, AA465689, N21546, AI127067, AI916406, AW103010, AA584123, AA436155, AA436281, AI278256, R70326, H75272, N53132, AA910215, AI05229, AA715389, AI439045, AI278256, R70326, H75272, N53132, AA910215, AI052171, AL133485, Z84484, AL022067, AC004021, AL049738, Z83855, AC005844, AL032312, AC004000, AC005562, AC004231, Z84489, AL035413, AC005354, AC004264, AL035410, AC00588, AC005562, AC004311, Z84489, AL035413, AC005353, AL035420, AL137457, AC004861, AL037479, AC005544, AC005571, AC004861, AC005537, AL038541, AC005253, AL031255, AP000068, AL031848, AC005544, AC004797, AC005253, Z82097, AL008635, AL0091255, AP000501, AC004707, AC004797, AC005235, AC00412, AC00583, AC004585, AL03419, AC005057, U46120, AC005253, Z82097, AL008635, AL002106, AC005835, AC004585, AL031885, AL034419, AL034549, AL032116, AC002116, AC00583, AC004585, AL031885, AL034419, AL034549, AL118509, AP000510, Z84466, Z97054, AC004458, AL031681, AC004106, AP000564, L05367, AC004132, AC00688, AL02165, L11910, AC009263, L44140, Z49258, AP000350, AL118509, AP0010510, Z84466, Z97054, AC004458, AL031681, AC004382, AC005520, AL118509, AP0010510, Z84466, Z97054, AC0064878, AL031681, AC005225, U52116, AL133304, AL121652, AC005529, AP001053, AC006413, AC006439, AC006431, AC0064336, AC006430, AC0065529, AP001053, AC006413, AC0064876, AL031056, AC005081, Y10196, AC006043, AL035079, Z95116, AL133304, AL049745, Z49250, AF053356, and AL121655.	AA918361, AI214209, AI820877, AI733217, AI346354, H65493, and AL031666.	AW292970, AC004645, and AC006111.	AA251713, AF080576, AA281037, T49826, T49825, and AC007041.	AL022098.	AI288307, AI186282, AA523891, C75540, AL037127, AI193168, AW407585, AA112924, AA458534, AA515631, AI613465, AA911520, AA001471, Z99943, AL031681, AC002364, AC005952, AC005670, AL033538, AC016027, AC016830, AC004955, Z83840, AL031848, AC005803, and AL050327.	AW236220, T92688, and AA341978.		
15 - 377	15 - 446	15 - 394	15 - 570	15 - 326	15 - 309	15 - 499	15 - 665	15 - 694	15 - 369	15 - 838	15 - 385	15 - 308
1 - 363	1 - 432	1 - 380	1 - 556	1 - 312	1 - 295	1 - 485	1 - 651	1 - 680	1-355	1 - 824	1 - 371	1 - 294
964840	658540	732392	761510	697787	785990	729293	706435	728046	752887	850147	900099	718840
2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958
HLYCH15	HLYCM68	HLYCM88	HLYCN75	HLYCO31	HLYCO66	HLYCO68	HLYCP66	HLYCQ53	нгус <u>ф</u> 68	HLYCR47	HLYCS15	HLYCV49

			AA720682, AI824562, F19258, AA654627, AI493615, AA503947, AL040913, AW340844,	AA030244, AA01/81/, AA228329, AI0/9/82, AI8801/9, AA/29204, AA331309, AA342938, A1305136 A1357551 A1939531 AW103769 AW163049 AA610491 AW008317 A1053816	A1054246, AA743956, A1282336, AA904218, AL046898, AW301818, AI469172, AI307426,	AA584082, AA745410, AL048616, AA515938, AW361583, F29989, AW071063, AA581342,	AI802526, AI537955, AI446518, AI358229, AI807372, AI565245, AW406755, AI365988,	AA340003, AW339687, AI635272, AI274692, AA228420, AI003172, AI922002, AI523897,	AL041368, N25927, AA578154, AW157608, AL138242, AI214510, AI281808, AW104748,	AW080134, AI281807, AA713815, W60516, AI111177, AI469878, AI446601, AI469624,	AL138265, AA639250, AI282832, AW243960, AI633479, AI858451, AW029038, AI828710,	AA394271, AA482711, C75026, AA503258, AA558857, AI471534, AI683577, AW236342,	AI005388, N66026, AC004383, U62317, AF078904, AC004620, Z84721, AC003015, AC005206,	AC005667, AC002375, Z15025, AF129756, AL109827, AL022328, AC004478, AC005778,	AC004583, AC005099, AC006208, AC002395, Z99497, Z98747, AC001082, AC006057,	AC020663, AC004890, AC004033, AL132826, AF037338, AL050341, AC007731, AC005500,	AC004388, AC010722, AL008629, AC003035, AC010072, AC002310, AC004472, AC002073,	AC005794, AL133448, AC009044, AF124730, AC004806, AC000118, AC000003, Z84480,	AC004408, U70984, AF011889, L48472, AL031655, AL035690, AP000039, AC000085,	AL031584, AC009946, AF015720, AC002543, AL080241, AC003982, AL021326, AC002378,	AL023879, AC005257, AP000432, AC005746, AC005037, Z98754, AF064861, Y14768,	AF047825, AP000495, AL109627, AC005838, AL021878, AC002350, AC005245, AC007686,	AP000505, AJ229041, Z98744, AC005356, AL109622, AC002312, AC005086, U91327,	AC005211, AJ006996, AC007292, AC008984, AC004964, AC004622, AB020869, AL132712,	AC005284, AC000004, Z95624, AL117354, AC005815, AC004066, AC002483, AC000025,	AC007786, AF196971, AF165176, AL121846, AL023694, Z97635, AC009510, AC005184,	AC007376, AC004526, AP000656, AC002565, U89387, Z84572, AL049745, AC009069,	AL034406, AC006965, AC005046, AF109907, AC002432, U07000, AC006241, AL031591,	AC006207, AC007387, AC005751, AC004638, AC004149, AC007221, Z69705, Z86061, Z76735,	AC004540, AL096805, AL023755, Z97876, AL022395, AL033381, AL031427, AF042090,	AC000052, AC007537, AL022163, AC003050, AL080276, AC004972, AC005940, AL031680,	AL133494, Z73965, AC000392, AC005913, AF064857, AC004986, AL049776, AC004909,	AP000561, AC004810, AC004596, AL031666, AC005071, AC004019, AC006213, AF064864,	U75285, AC004592, AC006556, AL109967, AP000023, AC005194, AC005303, AL117340, AE128846, AE128847, AC004000, AE128848, AE026188, AI 006760, AI 078472, AI 040873	A1 120040, A1 120041, 11000400, 111 120040, 1110040100, 1110070101, 11100101,
15 - 350	15 - 380	15 - 369	15 - 1154																																
1 - 336	1 - 366	1 - 355	1 - 1140																																
615021	656827	669541	856443							•		-	-							-									-						
2959	2960	2961	2962			•••																													
HLYCW04	HLYCW13	HLYCW20	HLYCW62																								-								

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	15 - 378	15 - 444	15 - 357	15 - 744	15 - 452	15 - 561	15 - 659	15 - 552
	1 - 364	1 - 430	1 - 343	1 - 730	1 - 438	1 - 547	1 - 645	1 - 538
	628059	744886	784253	919586	772022	657010	935149	856413
	2963	2964	2965	2966	2967	2968	2969	2970
	HLYCY30	HLYCZ63	HLYDB85	HLYDC02	HLYDC77	HLYDD13	HLYDG06	HLYDG21

HLYDG27 HLYDG38 HLYDG59 HLYDG59	2971 2972 2973 2974	682910 597131 871587 678266	1 - 568 1 - 397 1 - 439 1 - 703	15 - 582 15 - 411 15 - 453 15 - 717	AF001549, AC009247, AC007686, AC004230, AC006014, AP000472, AC005821, AC005081, U91326, AC00481, AC006236, AC005763, AC005015, AL023876, AB001523, AC005488, AC005488, AC005481, AC006236, AC005763, AC005015, AL023876, AB001523, AC004106, M55270, AC009946, AC0064820, AC005763, AC005429, AC005924, Z84469, AC007386, AC005312, AC006481, AC0064041, AL035683, AC004223, AF196779, AC005031, AL031276, AC004041, AL035683, AC00423, AC00753, Z95115, Z97196, AC007436, AC007456, AC007156, AC004796, U07561, AL133035, AC006488, AC007156, AC007796, AL037679, AL037162, AC005288, AC005288, AC005786, AF003131, AC005093, AL13312, AC005288, AC007546, AP000313, AC00501, AL031659, AL13312, AC005288, AC007546, AP000313, AC005083, AL13312, AC005288, AC0064841, AP0000501, AL031659, AL133312, AC005488, AC0048776, AC004129, AC005481, AC004814, AC004139, AC004129, AC005481, AC004814, AC004819, AC004139, AC004129, AC005483, AC004819, AC004183, AC004117, AL0316963, AL032376, AL02376, AL02376, AL03313, AC004117, AL031393, AC004117, AL031393, AC004139, AC004139, AC005481, AL031393, AC004139, AC004139, AC0058829, AL031393, AC004139, AC004239, AL031393, AC004139, AC004239, AC005389, AL031393, AC004139, AC005389, AL031393, AC004819, AC005389, AL031393, AC004139, AC005413, AC005389, AL031393, AL031383, A
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	HLYFO83	HLYFP23	HLYFR38	HLYFU64			HLYFX27	HLYFX40	HLYFX96	HLYFY33								HLYFY78	HLYGA32	HLYGA46	HLYGC11	HLYGC18	HLYGC63									

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	686173	871636	869959
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	HLYGE28	HLYGH53	HLYG123

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15 - 539	15 - 548	15 - 475	15 - 584	15 - 722		15 - 276	15 - 562	15 - 521	15 - 331	15 - 434	15 - 427	15 - 415	15 - 473											15 - 514	15 - 449	15 - 219	15 - 157	15 - 445	15 - 262	
1 - 525	1 - 534	1 - 461	1 - 570	1 - 708		1 - 262	1 - 548	1 - 507	1 - 317	1 - 420	1 - 413	1 - 401	1 - 459											1 - 500	1 - 435	1 - 205	1 - 143	1 - 431	1 - 248	
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939916	744337	734688	856267	925049	733286	692598				<del></del>			778521		741754	723186	736039	694042	823422	735355	947905	681320	856278	916259					801917	856311	956195
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1 - 388	1-817	1 - 431	1 - 668	1 - 534	1 - 344	1 - 354																													
935734	964749	666181	891329	970892	715381	855916			•				_				,·																		
3131	3132	3133	-	$\dashv$	-	3137			-					_					-			-													
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HMMAV35	3162	707274	1 - 389	15 - 403	AC003042.
HMMAV74	3163	742642	1 - 416	15 - 430	AC000118.
HMMAV85	3164	784221	1 - 253	15 - 267	
HMMAV91	3165	854043	1 - 382	15 - 396	
HMMBD12	3166	866824	1 - 430	15 - 444	
HMMBD29	3167	935775	1 - 501	15 - 515	AA614263, AW195898, AW080413, AI300810, AA525318, AA767276, AA345400, AI942316, AA426571, AI039672, F33785, R02571, AI032037, AL046094, AA554430, AA830936, AA528234, AA644545, F18098, H58588, U91321, AC005781, AC002310, AL022334, AC004834, AC004762, AC005265, AC008044, AF053356, Z83849, AF118808, AC007327, AC005620, AC004143, AC004878, AC005034, AC004084, AC008009, AL024509, AC002287, AC006043, AC005899, Z82178, AL031864, AL096791, AC005089, AL034420, AC007057, AC006449, AC005899, Z82178, AL033403, AC00230, AC00238, AC002420, AL034417, AL009174, AL049780, AC006530, AC002390, AC005874, and AF134471.
HMMBD33	3168	702222	1 - 404	15 - 418	
HMMBD79	3169	490057	1 - 349	15 - 363	
HMMBD81	3170	728362	1 - 338	15 - 352	
HMMBH76	3171	959722	1 - 351	15 - 365	
HMMBI50	3172	868199	1 - 390	15 - 404	AI469003, and AL049776.
HMMBJ26	3173	681407	1 - 459	15 - 473	
HMMB131	3174	697735	1 - 457	15 - 471	AC004963, and U95740.
HMMBM1 3	3175	577508	1 - 392	15 - 406	AA635985, AI378817, AA628245, T60029, T59956, and AC004985.
HMMBM2	3176	966929	1 - 499	15-513	H64058, H51675, AA424943, AA424944, AA873400, and H64008.

	H92819, and AC005288.	AL044245, AW438555, AI702314, H60864, and AC005971.			AW006407.	N83608, and A1127217.		R71573, R71574, and AC008039.	284483.	R72392, H86264, H86301, AA831388, AI264743, AA229650, AA229631, AA230119, AI125139,	WO.1122, AI+39034, AW003607, AA+35306, AA223614, AW074536, AA535067, M1124, A1216799, AA714595, AI281754, AA484148, AI561335, AI355206, AA947370, AA377730.	R08190, F32705, AA654968, AI474085, AI358501, AA652057, AA649642, AW169537,	AW438916, AL041733, AA664770, AI610607, AI281881, AA743972, F28776, AI061296,	H85616, AW023511, AA584581, AA528520, AI537185, AW193609, AW238016, AI963720,	AI886176, AW069427, AI110770, AI887483, AA680299, AI818620, AA515435, AL037554,	AI963095, AI610159, AA125788, AI744739, AI884487, AA569187, AI676218, AI648558,	F35113, F36273, W60516, AA733208, AI312149, AA741474, AA578141, M78150, AI284640,	N27353, AI287528, AW274345, AA358122, M62249, AI061334, F37223, AI435544, AI061227,	AA610491, F19258, F31799, T47739, AW089789, AI143242, AA386111, AW023389, AA100915.	AW236342, AW196798, F34558, AL046409, AA836811, AI367975, AA166721, AA664535,	AA630362, F37169, AA720702, AI832577, AA457592, AL036523, AI761471, AA095511,	AA598586, AA743177, AA569193, A1928790, A1205126, A1079809, N25296, AW406659,	AA919037, A1469624, AW410116, AW088058, A1628288, AL120269, AW085740, AW276827,	A1350211, F29/02, AA7/5230, AW008317, T16592, AA/44220, A1286264, AW243960,	AA664407, A1633479, AA640979, A1/32186, AA317170, AW193300, A1829964, AA916039,	AA65462/, AA/364/2, AI8/9000, AI612032, AW08625/, AA659083, AA3942/1, AI963/86,	AAU84U/U, WY39/O, A183U39U, AA484Z0Z, C/3UZ0, A1ZUUU31, A1U330/Z, WY3841, A1131Z01,   A A 077741 AT 040012 AT 041412 TAA228 A1213200 A1471524 AT 123852 A1682577 F31204	AM3/1/45, ALU4U315, ALU4141£, 140550, ALS125U3, AL4/1554, ALL550U2, ALU05577, 1512U4,   AM3/17264   A A 2470D11 AI 110484   A A 157254   A 104745   A A 401765   A A 401767   A A 401767	A 284179, A1.041368. A W265393. A1281903. A1307588. A1334443. A1255095. F35673.	AW072587, AA663482, AI557323, AA130647, AA747480, AI493546, AI914913, AA448858,	F32894, AI282336, AI354426, AI471481, AI246409, AI005388, AW193295, F28576, AL119123,
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	1 - 525	1 - 406	1 - 450	1 - 365	1 - 476	1 - 359	1 - 346	1 - 546	1 - 385	1 - 537																					
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4	HMMBM3 1	HMMBM5 4	HMMBM7	HMMBO43	HMMBO46	HMMBP10	HMMBP22	HMMBP27	HMMBQ48	HMMBR33													_								

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15 - 344	15-310	15 - 417	15 - 338	15 - 559	i
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HMMBR92	HMMBS41	HMMBS61	HMMBT27	HMMBU27	

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	490083	773426	662684
	3194	3195	3196
	HMMBU75	HMMBU78	HMMBV17

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15 - 196	15 - 297	15 - 536	15 - 499																					· · · · · · · · · · · · · · · · · · ·												
1 - 182	1 - 283	1 - 522	1 - 485																																	
670651	577388	935148	913661								7	****	-												•											
3204	3205	3206	3207																																	
HMMCD21	HMMCE16	HMMCE26	HMMCF94																																	

4       3208       944069         3208       944069         3208       3209         3210       864098         3211       587819         3212       855918         3213       708060         3214       666792         63215       919484         53216       667710	029 - 1	15 - 684	AC006126, T5887, Z93244, AL049780, Z97053, AL121769, AC009263, U91321, AC002404, AC006126, Z68164, AL049843, AL121603, AC004020, and AC005940. AI049671, AI034206, AW192002, AA442431, T59937, AW069110, AI678812, AA515742, AI679394, AI925423, AI679902, AI523205, AA676592, AA642809, AW392414, AA362349, T07903, AI123488, AA946848, AI471455, N63358, AI687343, AI206078, AW079877, AW270329, AA362348, AA640310, T03576, U48471, AC005940, AL020997, Z94801, AC006088, AC004849, AL121658, AC006064, AC005003, M33132, AC004589, AC004645, AL080242, AL17328, AC003077, AP000514, AC004584, AC003007, AC004895, AI121769, AC004511
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3209 923771 1 3210 864098 1 3212 855918 1 3213 708060 1 3214 666792 1 3215 919484 1 3216 677110 1			AW270329, AA362348, AA640310, T03576, U48471, AC005940, AL020997, Z94801, AC006088, AC004849, AL121658, AC006064, AC005003, M33132, AC004589, AC004645, AL080242, AL117328. AC003077, AP000514, AC004584, AC003007, AC004895, AL121769, AC00411
3209 923771 1 3210 864098 1 3211 587819 1 3213 708060 1 3214 666792 1 3215 919484 1 3216 677110 1			AC004849, AL121658, AC006064, AC005003, M33132, AC004589, AC004645, AL080242, AL117328. AC003077. AP000514. AC004584. AC003007. AC004895. AL121769. AC00411
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3209 923771 1 3210 864098 1 3211 587819 1 3212 855918 1 3213 708060 1 3214 666792 1 3215 919484 1 3216 677110 1			AC005632, D84394, AC005696, 799943, AP000354, AI,109957, AI 049757, AC004148
3209 923771 1 3210 864098 1 3211 587819 1 3212 855918 1 3213 708060 1 3214 666792 1 3215 919484 1			AL031281, AL035457, AC005089, AC007312, AC000353, AC005837, AL035413, AC004686,
3209 923771 1 3210 864098 1 3211 587819 1 3212 855918 1 3213 708060 1 3214 666792 1 3215 919484 1 3216 677110 1			AF030933, AC005412, M17262, AC002050, AC005944, AL133382, AC004506, AL035398,
3209 923771 1 3210 864098 1 3211 587819 1 3212 855918 1 3213 708060 1 3214 666792 1 3215 919484 1 3216 677110 1			AL109963, AF045555, AL022322, AL034553, AC006251, AC006367, AC003689, AC006455,
3209 923771 1 3210 864098 1 3211 587819 1 3212 855918 1 3213 708060 1 3214 666792 1 3215 919484 1			ALU31770, AP001052, AL022162, Z99129, AP001053, AJ010770, AC005081, AC006536,
3209 923771 1 3210 864098 1 3211 587819 1 3212 855918 1 3213 708060 1 3214 666792 1 3215 919484 1			ACUU3/40, ACUU3/4, ACUU3/15, ACUU2546, ALU35388, ALU3/0317, ALU31311, ACUU3338,
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3209 923771 1 3210 864098 1 3211 587819 1 3212 855918 1 3213 708060 1 3214 666792 1 3215 919484 1 3216 677110 1			AC005225, AL121757, AC007376, AC007917, AL049835, AC006057, AL049779, AF029308,
3209     923771     1       3210     864098     1       3211     587819     1       3212     855918     1       3213     708060     1       3214     666792     1       3215     919484     1       3216     677110     1			X/1402, AC002115, AL132987, AL031587, AC001231, AP000511, AC009501, AL023553, AL021707, X99832, AC003029, and H80017
3210     864098     1       3211     587819     1       3212     855918     1       3213     708060     1       3214     666792     1       3215     919484     1       3216     677110     1	- 385	15 - 399	
3211     587819     1       3212     855918     1       3213     708060     1       3214     666792     1       3215     919484     1       3216     677110     1	- 430	15 - 444	H60700, AA465255, AA984765, R51650, N31773, R93782, AI265884, N56201, and AF151819.
3212     855918     1       3213     708060     1       3214     666792     1       3215     919484     1       3216     677110     1	- 479	15 - 493	
3213 708060 1 3214 666792 1 3215 919484 1 3216 677110 1	- 425	15 - 439	AC002302.
3214 666792 1 3215 919484 1 3216 677110 1	- 661	15 - 675	
3215 919484 1 3216 677110 1	- 346	15 - 360	AC007165.
3216 677110 1	- 463	15 - 477	
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3217 670114 1		15 - 560	N59555, AA362113, and AA362136.
3218 754152 1		15 - 284	AA362224.
HMPAP52   3219   709621   1 -	- 264	15 - 278	

AA362267, AA362266, AF017104, and AC016831.	AA362334.		The state of the s	AC002112.		AI523941, AA055449, AA232904, AA233033, and AA055448.		Angelia	THE RESIDENCE TO THE PROPERTY OF THE PROPERTY	AW044231, and AC003681.		T87899.	AL021453.	AA933089, AI680336, AW157317, AA523285, AW170427, AW170278, AA974441, A1027987	A1074894 AA102451 A1631081 A1591067 A1992135 A 6433152 A1357176 A A 577581	AA148225 A1031764 AW166779 A18433 A1021223, ALCOUNTY A A 862300 A A 206564	ALEXALOSSES, MOSTER TO THE TOTAL ATTENDED A A ATTORIAL AT	ALYSZOCH, ALSZIIIII, ALIOS/JS, ALYZEZETI, AW 193281, AA//9812, ALZ80891, ALZ80891,	A1380036, AA824336, AA523194, AI208491, AW162293, AA417116, AA512937, AA166670,	A1138933, AA410871, AA843221, AA497015, AI090410, AW327970, AI366939, AI891047,	AI372093, AA417257, AA776942, AI083704, AA776511, AA580420, AA860537, AA716753,	A1094406, AA827004, AI817572, AI027989, AI673583, AI276716, AI245211, AI986389,	A1073857, AA595784, A1816482, A1751720, A1439302, AA976926, AA771950, AA088664,	AI520873, AA813071, AA458901, AA878692, AI252636, AI039067, AA860792, AA399535,	AA722780, AI538971, AA971121, AA995822, AA722354, AA480057, AI887538, N24774,	AI282434, AA625734, AA968695, W31392, F33205, AA292590, C05840, R53540, AI439351,	AA428428, W15347, AA757714, AI192786, AI929797, AI085365, AI439295, AA971044,	W95395, AA923667, AW162981, AW161746, AA383387, AA158971, AI073973, H92319,	AA156280, AA890640, AA581636, AA158959, AA640130, N32793, H17478, AA130481,	AA907137, AA130482, H29049, T58022, AA886217, AW172803, AI761395, AA235711, F36843,	AA488204, AA284912, AA426152, AA643884, AW250923, F17431, R49138, AW130002,	F33987, AW148600, AI004901, AI566499, AI751319, AI869823, AA662261, AA643919,	AA505425, AA669508, AI537266, AA587451, AA477813, AI885826, T86930, AA374990,	R17686, AA397788, N94618, AA296827, AA553934, AA158603, AA459096, AA235724,	AA402833, F03779, AA635762, AA877354, F02931, AI886255, AI768303, AW068766,	A1505006, AA421441, AA410/23, AA402084, AA909529, AA8528/9, A1509009, AA402130,
15 - 464	15 - 332	15 - 338	15 - 408	15 - 505	15 - 369	15 - 499	15 - 361	15 - 321	15 - 264	15 - 222	15 - 483	15 - 373	15 - 309	15 - 366																						
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705509	855911	723299	684607	954383	932799	712805	723493	684917	706341	825480	923515	384780	856318	714031					•••	•																_
3220	3221	3222	3223	3224	3225	3226	277	3228	3229	3230	3231	3232	3233	3234																						1
HMPBA34	HMPBB11	HMPTA49	HMPTE27	HMPTG84	HMPTI69	HMQAB40	HMQAG45	HMQAL95	HMQA034	HMQAP31	HMQAS25	HMQAU20	HMQAX65	HMQBD30	,																					

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	15 - 264	15 - 411	15 - 280	15 - 306	15 - 279	15 - 346	15 - 263	15 - 320	15 - 370	15 - 311	15 - 335	15 - 308	15 - 418						15 - 160	15 - 218	15 - 269	15 - 367	15 - 136	15 - 418	15 - 133	15 - 318	15 - 206	15 - 373	15 - 360	15 - 257	15 - 349
	1 - 250	1 - 397	1 - 266	1 - 292	1 - 265	1 - 332	1 - 249	908 - 1	956 - 1	1 - 297	1 - 321	1 - 294	- 404						- 146	1 - 204	1 - 255	l <b>-</b> 353	1 - 122	1 - 404	- 119	- 304	1 - 192	1 - 359	1 - 346	1 - 243	l - 335
	825460 1	723212	664904	708075	855902 1	708073	683723 1	720569 1	707279 1	684887 1	855900 1	708065 1	765162 1				_		932509 1	954587 1	954058 1	707280   1	932510 1	968348 1	706338 1	740625 1	384771 1	839604 1	725828 1	783174 1	855890 1
	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247						3248	3249	3250	3251	<del></del>	3253	3254	3255	3256	$\vdash$	3258		3260
	HMQBH12	HMQBL13	HMQBL17	HMQBL54	HMQBM27	HMQBM59	HMQBN41	HMQB017	HMQBP18	HMQBP26	HMQBP54	HMQBT65	HMQBU96	,					HMQBW05	HMQBW76	HMQBX07	HMQBX35	HMQBX74	HMQBY10	HMQBY34	HMQCC67	НМОСК09	HMQCO77	HMQCV51	HMQDA84	HMQDC34

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15-312	15 - 361	15 - 347	15 - 357	15 - 420	15 - 433	15 - 169	15 - 412	15 - 574	15-415	15 - 484																						
1 - 298	1 - 347	1 - 333	1 - 343	1 - 406	1 - 419	1 - 155	1 - 398	1 - 560	1 - 401	1 - 470																						
765810	575536	993366	712588	772436	783176	940694	868185	765975	960949	935429														-						•		•
3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271									•	<u>.</u>												
НМОДС96	HMQDD41	HMQDE85	HMQDN16	HMQDN77	HMQDQ84	HMQDZ19	HMRAD49	HMRAD74	HMSAC03	HMSAH89																						

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	15 - 386	15 - 377	15 - 422	15 - 355	15 - 388	15 - 387	15 - 462	15 - 366	15 - 379	15 - 359	15 - 465	15 - 331	15 - 200	15 - 574	15 - 353	15 - 430	15 - 249	15-310	15 - 345	15 - 619				
	1 - 372	1 - 363	1 - 408	1 - 341	1 - 374	1 - 373	1 - 448	1 - 352	1 - 365	1 - 345	1 - 451	1-317	1 - 186	1 - 560	1 - 339	1 - 416	1 - 235	1 - 296	1 - 331	1 - 605				
	960482	715726	720686	383902	747120	754156	960446	961032	698439	702992	727443	953708	855878	707489	715738	722005	739001	683595	925288	510964				
	3272	3273	3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	3285	3286	3287	3288	3289	3290	3291				
	HMSAI08	HMSAI44	HMSA046	HMSAP87	HMSAQ64	HMSAS62	HMSAX08	HMSAX13	HMSAX31	HMSAX32	HMSAX33	HMSAX85	HMSAZ07	HMSBB19	HMSBB44	HMSBF59	HMSBF84	HMSBH79	HMSBI72	HMSBM43				

					AC007182, AC006312, L78833, AL050332, AL033397, U91323, AC005696, AC004217.
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					Z85986, AL008726, AL121603, AP000251, AC002565, AC008072, AC005914, AP000212,
					AP000134, AP000030, AL031447, AC004895, AF111168, AC007537, AC007308, AC004841,
					AC005521, AL096/03, AC002550, AC004067, AL035249, AC006538, AL049611, AC007536,
					AC002302, AP000558, AL031228, AL096791, AL136295, AL109914, AL022165, AC007664, 784455, AC004707, AL024607, AP000680, AC007067, AC007081, AC007081
					264400, ACUU34/9/, ALU243U/, APUUU689, ACUU/U3C, ACUU8UI8, ACUU3U8I, APUUUU43, ADUUU111 ACUU4/9/, ACUU3U43, ACUU3U43,
					ACO02425, AF109907, ACO04526, ACO05482, LOGHOS, US07701, AF001694, ACO05425, ACO05425, ACO05425, ACO05425, ACO05426, ACO05482,
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					AC005338, AC006006, AP000511, AC005670, U91318, Z73358, AC007637, AC007055,
-,					ALONOSOS, TRUDOLOGY, ELYDLOGY, ALONOSOS, ALONOSOS, ALONOSOS, ALONOSOSOS, ALONOSOSOS, ALONOSOSOS, ALONOSOSOS, ALONOSOSOSOSOSOSOSOSOSOSOSOSOSOSOSOSOSOSO
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.1					AC005088, AL139054, AC008009, AC006277, AL049779, Z82176, AL049694, AF196969,
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					AP000114, Z92546, AL034421, AC005288, Z83846, AC005841, AC006449, AF091512,
	-				AL021918, AL133246, AC006509, AC004656, AL008715, AC007371, AL021920, AP000512,
					AC009405, AP000514, AF0124534, AC016025, AL049832, AC005/40, AL031/33, AC005/51,
					AL121393, ACU06946, Z95152, ACU06014, ACU07057, AP001053, ACU02070, Z98751,
					ACUUSSII, ALUSIUSS, ALUUZEUS, ACUUSZUS, ALUSIILU, ACUUGUII, ACUUS466, ALIZII09, ADUUUNN 1147934 ACUUSS80 AENA4861 783844 1106400 ADUUNSS AI 035458 AI 031683
					ACO04590 AT 110502 AT 031681 ACO04055 ACO04816 ACO0347 ACO00248 ACO04592
					AC005306, AC006236, AJ003147, AC007938, AC007384, AC004148, Z98884, AC006120,
					AC007406, and AC005913.
HMSBM81	3292	383978	1 - 339	15 - 353	
HMSBN71	3293	766408	1 - 227	15 - 241	
HMSBO55	3294	715684	1 - 135	15 - 149	AI579937, N47104, AA805339, AA768366, AI078743, AC005774, and Z93019.
HMSBP46	3295	719425	1 - 127	15 - 141	
HMSBP80	3296	855871	1 - 373	15 - 387	
HMSBQ93	3297	745862	1 - 406	15 - 420	
HMSBS51	3298	708662	1 - 348	15 - 362	
HMSBS63	3299	926833	1 - 440	15 - 454	
HMSBS86	3300	785804	1 - 533	15 - 547	AL121998, D83253, Z70689, and Z97054.

	AW117257.	The first of the control of the cont	R94422.	AI621141, AA640155, AA569180, AA376315, AI922061, AA664366, AI052560, AA501775, AA282022, AA055576, AA258511, AA487808, AI940701, AI820994, AA593381, AA180278, AA228022, AA055576, AA258511, AA487808, AI940701, AI820994, AA593381, AA180278, AAV238615, T03028, AA641592, AA601152, AA726812, D59168, T65746, AI3252, T85549, T4777, T47541, N02150, AA2153087, R90080, AI800268, AA780549, AA225538, N32456, H54464, T03216, H13261, AL117339, AF205588, AL022345, U82828, AL049710, AC005386, AC006475, AC004756, AC00527, AC004677, AC008929, AC007580, AC007567, AC00412, RS2121, AC00527, AC00477, AC003410, AC005341, AL10505, Z82211, AC005587, AC006574, AC008169, AC004842, AL080244, AL08024, AL080224, AL080724, AL080224, AL080728, AC006462, AL022394, U82696, AL117351, AC005164, AL030996, AC000481, AL08024, AL080728, AC006642, AL022394, AL080728, AC006462, AL022394, AL08028, AC006462, AL022394, AL08028, AC006462, AL022394, AL08028, AC006462, AL022398, AC006548, AC00849, AL02198, AC006079, AC00449, AL032101, AL121782, AL121654, AC000449, AL032101, AL121782, AL121654, AC000544, AL08028, AC006079, AC006494, AL032101, AL121782, AL08028, AC005291, AL031652, AL121787, AC000619, AL103288, AC006493, AL03288, AC006493, AL03288, AL032183, AC006493, AL03288, AL032183, AC006493, AL03288, AC006493, AL03288, AC006494, AL03288, AC006493, AL03288, AC006494, AL03288, AL032187, AL080284, AC006588, AC006588, AC006588, AC006494, AL032888, AL032888, AL032888, AL032888, AL032888, AL032888, AL032888, AL03888, AL03888, AL03888, AL03888, AC006494, AL03888, AC006494, AC006494, AC006494, AL03888, AC006494, AC006494	AA699358, R94584, and AF093097.	H16746, AI989391, AI651717, AI080151, AA573388, AA927298, AA830295, AA805889,
15 - 244	15 - 309	15 - 443	15 - 481	15 - 305	15 - 771	15 - 427
1 - 230	1 - 295	1 - 429	1 - 467	1 - 291	1 - 757	1 - 413
677327	709231	970579	761392	558203	866997	702821
3301	3302	3303	3304	3305	3306	3307
HMSBU22	HMSBU68	HMSBV28	HMSBX38	HMSBX59	HMSBZ69	HMSCA33

					Z41058. AI864771. and A A 729846.
HMSCB10	3308	968514	1 - 191	15 - 205	
HMSCD14	3309	924890	1 - 145	15 - 159	
HMSCD15	3310	918133	1 - 1223	15 - 1237	AA828277, AI707568, AI333720, W33154, AI880870, AA848014, AA864599, N50622, AW087770, AW270419, AA761244, AA262754, AA779760, AI880826, AW407353, W37119, AA206843, Z42584, AA206842, and AB011126.
HMSCD45	3311	707281	1 - 316	15 - 330	
HMSCE07	3312	954242	1 - 430	15 - 444	AB017652.
HMSCE37	3313	524245	1 - 344	15 - 358	AW276877, AI310873, AA359994, AA074342, AI345366, AW190781, AA243530, AA346466, AW438765, AA811208, AB09706, AW082470, AW774078, AA837708, AA527602, AA599558, AL135262, NS329, AA804995, M77893, N71033, AA630854, AA527727, AA908331, N26617, AA372305, AA452325, N72307, AA630145, AA61630, AA654661, AI750865, AL134278, AA804466, AI628303, AI679540, AA427470, AI679978, AI679978, AI679978, AI679978, AI678853, AL008723, AL031846, Z93244, AC006312, AP000513, AC0045972, AC005786, AL139054, AC006537, AL133245, AL031233, AC006537, AL022313, AC006537, AL032335, AC006582, AC006568, AC005568, AC006568, AC006568, AC006571, AL022316, AC006574, AL032405, AC006503, AC0066030, AL022395, AC0066030, AC0066030, AC0066030, AC006503, AC0066030, AC006503, AC006503, AC006030, AC006503, AC006030, AC006030, AC006503, AC006030, AC006030, AC0060307, AC006047, AC007707, AL023807, AC006130, AC00
HMSCF41	3314	951821	1 - 761	15 - 775	AI523579.
HMSCF54	3315	731011	1 - 354	15 - 368	
HMSCF58	3316	747250	1 - 73	15 - 87	

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15 - 665	15 - 390	15 - 498	15 - 664	15 - 366	15 - 816	15 - 309	15 - 453	15 - 298	15 - 398	15 - 370									15 - 607													
1-651	1 - 376	1 - 484	1 - 650	1 - 352	1 - 802	1 - 295	1 - 439	1 - 284	1 - 384	1 - 356									1 - 593													
530239	960601	717703	967576	921754	926836	884019	917009	709592	739685	879436									601504		•											
3317	3318	3319	3320	3321	3322	3323	3324	3325	3326	3327									3328	- Thomas												
HMSCI26	HMSCK06	HMSCK17	HMSCK38	HMSCL01	HMSCM10	HMSCM95	HMSC018	HMSC039	HMSCO60	HMSCO70									HMSCR39													

					AW193432, AA127916, AI375710, AA679124, AL042420, AA483771, AI821714, AI792133, AI791913, F32808, AA521399, AA720702, AW339687, AI085719, AW062724, AA594145, AI160117, AA177061, AA523815, AC005694, AC008372, AC005529, AC006554, AC005527,
	<del></del>				AC006120, AC005932, AC005274, AC006141, AL020995, AC004477, AC007221, Z83826, AC005280, Z95704, AC007664, AC007666, AL031311, AC006285, AC005288, AC012627, AC005233, AC005240, AC005240, AC005440,
					AC005/22, AC0024/0, AL096/01, AC005488, U4/924, AL031662, AL121603, AP000556, AL050306, AL078593, AC005409, AC000652, AC004531, D84394, AL121754, U85195, Z94721,
					AL034549, AC005821, AC006511, AL136295, AC006312, AC006077, AC007686, AE000658,
					U15177, AL049793, AL109628, AL035079, AC006960, AC004834, Z83840, AC003914, AC005566, AL049776, AP000359, Z93930, AC004832, AC007541, AC004796, AC005212,
					AC009247, AC004878, AC004797, AP000961, AL008629, AC005089, U91322, AC007226,
					AL049569, AL008582, AL033525, AL021877, AL109801, AL022311, AC005772, AF030876,
					AJ006998, AC006064, AC005829, AL122020, AL133448, AC004841, AP000513, AL031848,
					AC006116, Z98036, AF111108, AC003874, AF134471, AC004821, AD00092, AC002430, AC007546, AC005695, AL133246, AL133054, AL121653, AF020803, AL023284, AL035420.
	•				AF088219, AC006101, AC004263, AL034429, AL109627, U95742, AF031078, AC006450,
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					AC002400, AL031284, AC009516, AL022721, AC003664, AC005553, AL049745, AC004887,
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					AFU00045, AF165926, ACU05231, ACU00025, ACU05899, ACU06012, ACU04139, AF001549,
					22/034, ACOZO003, AT035350, ACO02241, ACO041/11, AL033331, ACO05311, L78200, ACO07051, AL034417, AL008718, Z93241, AC005516, AC007388, AF196779, AC006441,
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					AL110502, AC005295, AC005663, AC007688, AC003690, AC006130, AC007052, AJ003147,
					AL022326, AC007559, Z98950, AC005632, AL133245, AL031283, Z75741, AC004814,
					AC0033/2, AC010026, ALU31003, AC003043, U60039, AC003302, AC00/216, ALU31293,
					AC007731, 2622604, AC003023, AL0312604, AF000113, AL121334, AC003701, AC000221, AC000747 AC005601, AC000571, AC000501, AC000501, AC0005001, AC00001, AC0005001, AC0005001, AC0005001, AC0005001, AC0005001, AC0005001, AC00001, AC0
			-		AC004970, U95090, AL049636, and AC005065.
HMSCR82 3	3329	806176	1 - 251	15 - 265	
HMSCU35 3	3330	725513	1 - 676	15 - 690	AA179771, AA740885, AL042323, and AI017333.
HMSCY29 3	3331	703105	1 - 345	15 - 359	AI792820, and AI792471.

	AI052366.			N39672, R92235, AI248707, AA682815, AL119721, T91429, T91341, M85784, AA505009, AL045445, W90432, N30473, D79995, AC004495, and AC007151.		AC004841, and AL031255.		Z93784,	H59931, H67432, AC005154, AC009784, AC003100, AC003034, AL022154, Z70280, AC003072, and AC006998.	T41354, AC006123, and AC003107.	AL020995.		AI243681, AA620742, AA906977, AA610037, and T04923.	AF053755, and AF047033.		Z41951, and AW295173.						AL078463.		AA180174, AA283603, AA304829, AA233827, and AF115509.		AI174683, AI174796, N58549, AI523111, AA585278, AA585439, AA585430, AA585389, AA585378, AI526112, AA585325, AA585329, AA283312, AA585453, AA585116, AI525306,	AA585327, T26367, T48593, AW366296, AA585351, AI557238, AI525656, AL122127, Z49918,	AL109/29, AC003084, AC0069/2, AL03246/, AF000452, AF118808, AC002368, AL049242, AL132994, AC004756, Z98200, AL136363, AL132708, and AL133233.		AA131265.	
15 - 434	15 - 201	15 - 522	15 - 341	15 - 924	15-317	15 - 354	15 - 266	15 - 190	15 - 499	15 - 382	15 - 286	15 - 349	15-317	15 - 150	15 - 357	15 - 216	15 - 77	15 - 319	15 - 408	15 - 379	15 - 428	15 - 347	15 - 273	15 - 353	15 - 243	15 - 880			15 - 333	15 - 358	15 - 369
1 - 420	1 - 187	1 - 508	1 - 327	1-910	1 - 303	1 - 340	1 - 252	1 - 176	1 - 485	1 - 368	1 - 272	1 - 335	1 - 303	1 - 136	1 - 343	1 - 202	1 - 63	1 - 305	1 - 394	1 - 365	1 - 414	1 - 333	1 - 259	1 - 339	1 - 229	1 - 866			1 - 319	1 - 344	1 - 355
789306	724839	881563	765933	503967	921672	708078	416928	703075	583670	702772	954682	732443	868183	753010	722194	708656	920807	718087	696979	921628	932219	671133	855826	682204	758689	583757	-		706349	705586	739415
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HMSCY91	HMSCZ51	HMSDA03	HMSDB74	HMSDD80	HMSDF01	HMSDG77	HMSDK32	HMSDM29	HMSDP23	HMSDQ33	HMSDR06	HMSDR55	HMSDU43	HMSDU73	HMSDV49	HMSEG37	HMSEM59	HMSEM80	HMSE023	HMSEU01	HMSFH05	HMSFH21	HMSFH24	HMSFH27	HMSFH29	HMSFH31			HMSFH34	HMSFH39	HMSFH59

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	1 - 530	1 - 340	1 - 793	1 - 279	1 - 1599
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15 - 390	15-975	15 - 407	15 - 420	15 - 228
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15 - 362 A		15 - 378	15 - 583	15 - 825 R		15-390 A	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	H -	A	Y	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Z	<u> </u>	<u> </u>	<u> </u>	<u> </u>	4.7
1 - 348	1 - 398	1 - 364	1 - 569	1 - 811	1 - 406	1 - 376			<del></del>	•				•																					7
773811	746582	868170	953389	924813	746587	964647	•							•										_											
3429	3431	3432	3433	3434	3435	3436																													
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HMSIN75	3460	728670	1 - 299	15 - 313	AA400632, AA368986, AA400317, AA811357, AI815926, AA353038, AI815728, AI886832, AI554783, AA740345, AA676886, AI833007, AI090223, AI148002, AW081785, AI436367, AA513753, AI797479, AI191303, F26406, AI188727, AA536076, AI432454, R07547, AI336523, and AI970899.
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HMSIO76	3462	767680	1 - 396	15 - 410	AC005950, and AC001228.
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739275	920078	745068	708077	706363	712318	685633	745227	920065	69637	781172	676414	928252	868167	513164	199097	674557	928152				781094	_				-								1
3464	3465	3466	3467	3468	3469	3470	3471	3472	3473	3474	3475	3476	3477	3478	3479	3480	3481		,		3482							•						
HMSIP59	HMSIS02	HMSIT63	HMSIT73	HMSIU50	HMSIV17	HMSJA36	HMSJA69	HMSJB02	HMSJB64	HMSJB83	HMSJB93	HMSJE47	HMSJE52	HMSJE69	HMSJH79	HMSJ122	HMSJJ24				HMSJJ83								4.	70		-,-		

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HMSJR07	3487	854106	1 - 495	15 - 509	AA565398, AA382192, T73974, N87333, AW132065, AA557727, AA639939, AI049924, AI281622, AI887397, R57089, H59974, AA654293, AI911936, AI923263, H97930, AA070614, AA370883, AA618451, AA468247, N27874, AI601229, AI754653, AA468318, AA669747, AA584765, R77715, AW271071, H80215, AI419419, AI423034, AA721581, AA165079, H47641, F07225, T47096, AC005838, AL049646, AC002128, AL117354, AL049795, AL049712, AF118808, AF001905, AL137191, AC005994, AL049844, AL109865, AL022400, AF111168,

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HMSJR27	3488	855760	1 - 576	15 - 590	AA002166, AA256383, AA699351, AA176339, and AJ249977.
HMSJR41	3489	020296	1 - 416	15 - 430	
HMSJR74	3490	710402	1 - 427	15 - 441	
HMSJT11	3491	965007	1 - 1744	15 - 1758	AI962693, AA135585, AL137976, AI417140, AA745126, AI352492, AA436379, AI379403, AW006280, AA135524, AA234271, N22187, AA491640, AA256692, N71230, H23394, F12594, and AB011127.
HMSJT60	3492	733379	1 - 258	15 - 272	AA218874, AW069273, N57205, AA975894, AA831375, H81732, AA730795, T98915, T62975, AA370455, AA330772, AA828696, R79496, R93081, AA348602, AI472686, AA968509, H97358, AA676621, AA317096, H12383, AC005099, AC004448, AC007327, AC005921, AC00063, AL033523, AC005736, AC002395, AP000556, AP000557, X77744, AP000553, D87011,
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HMSJT70	3493	756465	1 - 385	15 - 399	
HMSJT79	3494	954141	1 - 433	15 - 447	
HMSJU28	3495	686664	1 - 400	15 - 414	
HMSJV67	3496	751602	1 - 401	15 - 415	
HMSJW12	3497	902568	1 - 3126	15 - 3140	AA585278, AA283312, AA585378, AA585389, AI526112, AA585116, AA585325, AA585329, AA585430, AA585439, T48593, AA585356, AA585327, AA585098, AA585453, AI525306, T26367, AW366296, AA585351, AA585101, AI541402, AI546855, AI541515, AF135243, A85395, A85476, AB005666, AR031358, AR017826, AR031365, AJ131952, AR037157, X82786, X55499, AR068429, AR062871, A25909, AJ007320, A70872, X93517, A44281, A94995, A70899, AR029417, A70869, AR060142, AR060137, A30438, Z79475, I50122, AR038669, A91667, M60510, A91666, AR060134, A84772, A847776, A8477
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HMSJW19	3498	744990	1 - 691	15 - 705	AL043195.
HMSJW25	3499	9608/9	1 - 534	15 - 548	AL122020.
HMSJZ11	3500	861381	1 - 587	15 - 601	
HMSKB02	3501	920026	1 - 488	15 - 502	
HMSKB24	3502	855883	1 - 196	15 - 210	
HMSKC56	3503	733388	1 - 397	15 - 411	AW058639, AI339743, AA465532, AI698594, and AL133112.
HMSKC66	3504	783028	1 - 371	15 - 385	

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15 - 387	15 - 397	15 - 601	15 - 395	15 - 523	15 - 527																							··-								
1 - 373	1 - 383	1 - 587	1 - 381	1 - 509	1 - 513																															
675055	699273	966084	675885	959413	495734		-															-					,						•			
3505	3506	3507	3508	3509	3510						-				-													-								
HMSKC90	HMSKF32	HMSKF62	HMSKG23	HMSKI08	HMSKQ60																															

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	1 - 426	1 - 374	1 - 734	1 - 341
	413201	966289	920151	690662
	3511	3512	3513	3514
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	HMWBM0 9	HMWBN56	HMWBO07	HMWBR86		HMWCG29	нМWСQ09

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15 - 301	15 - 308	15 - 612	15 - 318	15 - 363	15 - 411	15 - 382	15 - 345
1 - 287	1 - 294	1 - 598	1 - 304	1 - 349	1 - 397	1 - 368	1 - 331
960083	531395	932261	800023	69/906	676216	921603	558021
3608	3609	3610	3611	3612	3613	3614	3615
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	15 - 316	15 - 385	15 - 235	15 - 251	15 - 326	15 - 575	15 - 374	15 - 939	15 - 249	15 - 390	15 - 820	15 - 317	15 - 377	15-136
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	712083	573513	573754	573494	709334	781017	767384	967362	573604	783973	953749	861129	752826	917150
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	HMWDW6	HMWDY93	HMWDZ73	HMWDZ77	HMWEE04	HMWEG24	HMWEJ73	HMWEK11	HMWEK39	НММЕМ8	HMWEP07	HMWES31	HMWFC21	HMWFE01

7 T86765, AA355300, AA262872, AA313285, W39312, AA373610, AA314442, AW327419, N28311, W26959, AW246991, AA147465, AI193121, AA143349, T85873, AA026924, W02364, AA355802, AW160522, W02991, H11880, C04326, N28909, AW162940, AA112862, AA147394, AW190189, AI369463, AW246218, AA079419, AA156348, and AF132959.			AC002454, and AL118497.		AI271762, AA622801, AA502207, N73060, AA610433, AI791475, AL042373, AA152404,	AW237905, AW023111, AI251429, AW117740, AA708678, AW177869, AA644090, F17700,	AA747157, AA347969, AA077776, AI187148, AC005726, AC004750, AC004647, AC005046,	AC002120, AL031670, AP000115, AC005412, Z94056, AL050348, AC005015, Z83844,	AC006130, AC007263, U91323, AP000501, AF207550, AC005004, AC006006, AC005039,	AL121603, AL109628, AC007240, AP000694, AF126403, AL049830, AC004975, AC003982,	AL031283, AL049712, AC004832, AP000047, AC005695, AC000118, Z95115, AC006449,	AC006146, AC005081, AP001056, AC007199, Z98742, AL096701, AL139054, AL096774,	AC005209, AL132712, AL049569, AC005625, AC004139, AL035443, AC005696, AC005391,	AC007845, AC007151, AL109627, Z84488, AP000305, AC002425, AC007934, U91326,	AC005730, AC006487, AF108083, AL035681, AL031657, AC016025, AC004622, AC002347,	AC004583, AP000120, AF109907, AL031281, AC003070, AL031846, AC007450, AC003108,	AC006120, Z95152, AC002470, AC006271, AC005736, AC007686, Z83838, AL031591,	AC007687, AC004858, AC005971, AC002059, AC002365, AC006050, Z82180, AC007114,	AL121658, AL031587, AL135783, L78810, Z83826, AC007283, AF196969, AC004966,	AP001051, AC006530, AC020663, AL133163, Z84466, AC005291, AC006388, AJ246003	AC006101, AL035400, AP000556, AL133246, AL021393, AC005486, AC005193, AL034423,	AC000025, AC008012, AC005684, AC005251, AC004887, Z85987, Z93241, AL031597,	AP000167, AP000052, AC003043, AL109984, AP000552, AL024498, AC002302, AP000553,	AC005220, AF038458, AD000091, AC007052, Z97181, AC004841, AC007993, AP000503,	Z85986, AC005969, AC006960, AL035683, AP000555, AC005972, AL031295, D88268, U62293,	AC005778, AC005531, AF129756, L44140, AC003688, AC005529, Z98752, AC004509,	AC004253, AL049757, AC006236, AC005666, AC005057, AB020864, Z83840, U95742,	AL022237, AC005940, AC003037, AC004765, AL049694, AC007546, AC006430, AC004601,	Z98036, AC004791, AL021155, U91322, AB020866, AL009181, AL034582, AL022302,	AC002375, AC005003, AC004813, AL121652, AC005943, Z84480, and AC005839.		AL022318.	
15 - 487	15 - 276	15 - 191	15 - 214	15 - 457																	···										15 - 265	15 - 127	15 - 333
1 - 473	1 - 262	1 - 177	1 - 200	1 - 443																											1 - 251	1 - 113	1-319
738220	573598	954979	702618	576880																											573551	967371	861119
3630	3631	3632	3633	3634																											3635	3636	3637
HMWFH47	HMWFI54	HMWF010	HMWFP33	HMWFP60																											HMWFQ91	HMWFR11	HMWFU05

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15 - 672	15 - 239	15 - 514	15 - 365	15 - 327	15 - 376	15 - 551		15 - 960							15 - 429	15 - 238	15 - 409	15 - 1773			1	15 - 329	15 - 385									
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659578	727236	959838	861104	920575	576885	575822		953454							823460	576854	709249	959293				684346	861108									_
3638	6898	3640	3641	3642	3643	3644		3645							3646	3647	3648	3649				3650	3651									
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HMWHF58	3652	584538	1 - 424	15 - 438	AI763355, AI911988, AW271204, AI419935, AW196356, AA831500, AA705874, AI609777, AI632367, AA825907, AI247514, AA897761, AA029912, AW088307, AA059231, AA883186, N72988, Z40302, W03289, H82082, W57671, H61166, AW264318, F01458, AI270229, AI932770, AW070350, F04303, AI318375, H93492, AI304462, AI304550, AI270299, R93209, AW369598, and R07861.
HMWHM3 0	3653	676413	1 - 320	15 - 334	AP000333, and AP000173.
HMWHN70	3654	851334	1 - 342	15 - 356	R19936, AI653255, AI261658, W78776, T85433, AA309754, H16895, AA132626, AA216686, AI636091, AA160797, AA312101, T69055, T35768, and AI347190.
HMWHS25	3655	678166	1 - 323	15 - 337	
HMWHZ50	3656	724431	1 - 496	15 - 510	AL031685.
HMWIA18	3657	424132	1 - 342	15 - 356	AC006427.
HMWIF10	3658	964707	1 - 441	15 - 455	AA011418, AI264860, and AA699615.
HMWIL67	3659	791275	1 - 771	15 - 785	AA056297, H86332, H81699, AA021646, AA828136, AA252828, AW366161, AW366143,
					AW366126, AW366153, AW366129, and AB032976.
HMWIM26	3660	681845	1 - 300	15 - 314	
HMWIQ47	3661	653198	1 - 364	15 - 378	AW236288, AF045555, and AC005081.
HMWIS96	3662	746475	1 - 680	15 - 694	AB011167.
HMWIT95	3663	793450	1 - 422	15 - 436	A1160190, AA226732, AA232883, AA232882, AA948725, A1079958, AA767922, A1467979, W39443, U83194, and AF121856.
HMWIU48	3664	917690	1 - 437	15 - 451	AA203110, AA465513, T96285, AI682937, and AA337698.
HMWIV48	3665	795649	1 - 364	15 - 378	AC004913.
HMWIX21	3666	670972	1 - 201	15 - 215	AA939053.
HMWIZ03	3667	924227	1 - 283	15 - 297	AB011085.
HMWJB29	3668	002899	1 - 342	15 - 356	T24065.
HMWJC76	3669	688926	1 - 393	15 - 407	AA300776, AA341396, AJ225022, and AF030428.
HMWJF10	3670	964705	1 - 339	15 - 353	
HMWJG85	3671	918724	1 - 509	15 - 523	AA102161, T68018, N86357, and AF144757.
HMWJH15	3672	757807	1 - 211	15 - 225	
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HMXAA08	3674	959267	1 - 213	15 - 227	R16911, AI023774, AC005509, AL135960, and AJ131016.
HMXAA39	3675	670501	1 - 212	15 - 226	AI766637.
HMXAA56	3676	733331	1 - 42	15 - 56	
HMXAB21	3677	714384	1 - 122	15 - 136	AI908994, AI908999, AI909070, AI909069, N34111, AI908998, AA365524, AA143042,

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	15 - 150	15 - 152	15 - 119	15 - 256	15 - 436	15 - 355	15 - 355	15 - 241	15 - 214	15 - 398	15 - 263	15-913		15-317	15 - 529	15 - 651
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1 - 341	1 - 318	1 - 316	1 - 392	1 - 483	1 - 422	1 - 395	1 - 308	1 - 245	1 - 511	1 - 370	1 - 94	1 - 102	1 - 326	1 - 165	1 - 331	1 - 374	1 - 398	I - 684	1 - 221	1 - 289
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HNEBY19	HNEBY26	HNEBY30	HNEBY32	HNEBY34	HNEBY44	HNEBY46	HNEBY48	HNEBY71	HNECD65	HNECE07	HNECE14	HNECF59	HNECF76	HNECI57	HNECK47	HNECK66	HNECK67	HNECK83	HNECL71	HNECM64

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	1 - 154	1 - 287	1 - 487	1 - 289	1 - 290	1 - 322	1 - 482	1 - 493	1 - 409	1 - 350	1 - 377	1 - 399	1 - 351	1 - 265	1 - 264	1 - 120	1 - 243	1 - 540	1 - 325	1 - 318	1 - 678	1 - 353	1 - 139	1 - 433	1 - 365	1 - 225	1 - 179	1 - 258	1 - 321	1 - 1038	1 - 153	1 - 113	1 - 140
	890198	529868	527511	958356	466977	575633	828896	527508	855430	502/305	527589	507186	789187	721895	527060	572390	967643	790570	746708	527505	697747	573138	923910	702570	527503	765880	527499	573136	527816	586485	683470	925091	954586
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1 - 221	1 - 403	1 - 264	1 - 441	1 - 211	1 - 352	1 - 583	•															-			_	•										
703032	909832	868102	573185	781940	844318	869868																														
3747	3748	3749	3750	3751	3752	3753							-																							
HNEDS29	HNEDU01	HNEEA41	HNEEB62	HNEEB84	HNEEC81	HNEED12																									-					

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668747	667712	781578	530295	784714	861069	861021	530349	662053	530064	967784
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HNEED48	HNFAA13	HNFAA80	HNFAA83	HNFAD95	HNFAE07	HNFAF40	HNFAG69	HNFAH45	HNFBS51	HNFBT11

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	861015	90/669	861014	<u> </u>					•			585328	927836	529964	927833	955293	861005	529867	496241	960239	854017	537317	712571	787085	537341	575347	719215	527500	537343	537337
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	1 - 194	1 - 303	1 - 351	1 - 798
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	3815	3816	3817	3818
	HNFFK15	HNFFK36	HNFFK61	HNFFM25

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3819	3820	3821
19CHHNH	HNFFO76	HNFFR05

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	15 - 163	15 - 310	15 - 314	15 - 308	15 - 102	15 - 439	15 - 404	15 - 459	15 - 459	15 - 376	15 - 323	15 - 361
	1 - 149	1 - 296	1 - 300	1 - 294	1 - 88	1 - 425	1 - 390	1 - 445	1 - 445	1 - 362	1 - 309	1 - 347
	574618	558192	574677	574669	860904	574616	574623	574617	506711	932364	574153	574143
	3822	3823	3824	3825	3826	3827	3828	3829	3830	3831	3832	3833
	HNFFR46	HNFFS14	HNFFS23	HNFFS46	HNFFS96	HNFFT30	HNFFT62	HNFFT71	HNFFT83	HNFFV05	HNFFV66	HNFFV73

A4632593, A4612727, AI801505, AA838091, W02419, AA584862, AI049845, AI871687, AA647325, AA6160255, AA6160255, AL121287, AA867812, R79255, AA828036, N95156, AI282629, AL243789, AR197453, AW070532, AA499789, AA6195056, W02749, AI285493, AA536269, AL243789, AR190573, AM070532, AA499789, AA6054156, W02749, AI286594, AA715175, AA715075, AI216990, AA202430, AC005384, AC005484, AC004400034, AL049869, AC005231, AC005484, AC004407, AF196779, AC006581, AC005591, AC005891, AC005591, AC005581, AC005051, AC005591, AC005581, AC0050571, AC004505, AC005292, CS8749, AC007234, AC005412, AC005116, AC005071, AC004873, AC005116, AC005116, AC005116, AC005116, AC005116, AC005116, AC005207, AC004873, AC005108, AC00592, AC0067416, AC006211, AC005237, AC005108, AC005237, AC004983, AC005237, AC004983, AC005237, AC004983, AC005174, AC005237, AC004973, AC005237, AC004973, AC006490, AC005237, AC004973, AC006490, AC005237, AC004973, AC005740, AC005237, AC005740,	Z85996.	AC005610.		AA442241.
15 - 407 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			15 - 445	15 - 1001 A
1 - 393		~	1 - 431	1 - 987
574217	574218	574152	526845	913701
3834			3837	3838
HNFFX21	HNFFX55	HNFFX79	HNFFZ53	HNFFZ89

AA856866, AI921765, AA635077, AA8228619, AL038842, AA807704, AI049999, AA720732, AA878431, AI306232, AA652765, AA515728, AA515783, AL079734, AL039257, AW3277624, AA773171, AA878431, AI306232, AI251576, AA502991, AI732151, AL282253, AI838466, AA773171, AA878431, AI306232, AI557823, AA101744, AA832176, AA1039257, AR38466, AA773171, AP000556, AA729004, AA284247, AL133448, AL121655, Z84474, AC005786, AC007371, AP000557, AC002984, AC005203, AC003602, AC003263, AC00303, AC00303, AC00303, AC00303, AC003263, AC003263, AC003037, AC003037, AC003037, AC003037, AC003037, AC003803, AC003803, AC003803, AC00387, AC003803, A	295118.		AA639859.	AA702690, AI570659, H58517, and AC005318.	
15 - 772	15 - 306	15 - 449	15 - 323	15 - 629	15 - 441
1 - 758	1 - 292	1 - 435	1 - 309	1 - 615	1 - 427
860897	577342	668098	967538	860900	782183
3839	3840	3841	3842	3843	3844
HNFFZ91	HNFGB37	HNFGC17	HNFGC46	HNFGC53	HNFGC57

	AC005776,	T72851.		AF184110, and AC006059.		H95198, AW274228, AA135376, AA838709, AI031681, N51649, AI380604, U92072, AF118890, and AF118889.	AA305489, AI970612, AI088792, AI129935, AW340706, AI445737, AW129405, AW029494, AI339728, AA431754, AA481465, N23212, AW072683, AA587221, AW273074, AA716154,	AI624922, AW117722, AI582747, AA306890, AI362727, AW013971, AI636029, AI142386, AA477767, AA152108. AA230286. AA15033. AA812074. AA37767, AM00763. A147326	AW054932, AW024764, AA233879, AA486843, AA873861, AF057026, and AF086624.	AJ012008, AP000504, AF129756, and AF109905.	AA812141, AA487621, AA488746, AA299189, N32849, AW243793, AW270343, AA559241,	AW084466, AL079511, AT561060, A1049508, AW770300, AT173088, AW102846,	AI014843, AW070892, AA483223, AA101689, AA665071, AA307811, AA811710, NO1070	AA491955, AL042420, AC004883, AL021707, AC002551, 101960, M11567, AL021307,	AC005772, AL031905, AL035422, Z98047, AC004821, AC003108, AL096701, AC005412,	ALV22311, A63032, AL109847, AC006946, AF053477, AC003969, AC005065, AC000117,	253529, ALIZIO24, ALII0323, AC003837, ALU34379, 293114, AC007203, AC007191, AL034344. AC006130. AP000177. AP000705. 708036. AC004662. AC004000. AC004662	Z84469, AC004894, AL049647, AC003035, AC005387, AC004002, AC004032, AC0045032,	AC004228, Z79997, U07561, AL078611, AF045555, AL035687, Z97054, AC005081, AC006121.	AC004771, AL031679, AP001052, AC007617, AC007270, AL121652, Y12855, AC002073,	AF003529, AC008079, AL132642, AC004953, Z75746, Z84721, AC006985, AP000280,	AC007033, AL023373, AC004724, AL109798, U78027, AP000039, AP000107, AC006465, AC007119, 785087, AL035587, AL031376, AE064866, AC007334, AL03664, AL031376, AE064866, AC007334, AL03664, AL031376, AE064866, AC007334, AL03664, AL031376, AE064866, AC007334, AL030664, AE064866, AE0	AC008101, AC004253, AC004595, AC003074, AC004001, AC00718, AC004051 AC005482	AL031311, AC004984, AC005399, AC004020, Z97200, AC002350, Z95152, AC007637,	AL080243, AL117693, Z98304, AC003965, AC004234, U93305, AL121653, AL121658,	AF196779, AL022721, U96629, AL137572, AP000545, AC005565, U15177, AC007124,	ALUSU324, ACU03065, ACU05033, AP000689, AC007666, AL009031, AL109753, AC002326, AC005803, AB003151, AL031283, and Apnonsol	, , , , , , , , , , , , , , , , , , , ,	
15 - 454	15 - 317	15 - 580	15 - 363	15 - 342	15-418	15 - 674	15 - 299	· · · · · · · · · · · · · · · · · · ·		15 - 262	15 - 297																	15 - 335	15 - 235
1 - 440	1 - 303	1 - 566	1 - 349	1 - 328	1 - 404	1 - 660	1 - 285			1 - 248	1 - 283																	1 - 321	1 - 221
851981	781720	684992	526843	524419	954601	921431	20606	1-71		$\dashv$	526534					-									_		<del></del>	574599	574593
3845	3846	3847	3848	3849	3850	3851	3852			3853	3854										•							3855	3856
HNFGC64	HNFGE16	HNFGE36	HNFGF83	HNFGH24	HNFGH71	HNFGI01	HNFG149			HNFGI84	HNFGI93				4	,											•	HNFGK28	HNFGK29

HNFGK39	3857	574592	1 - 225	15 - 239	AL031005.
HNFGL31	3858	420241	1 - 469	15 - 483	
HNFGL94	3859	709264	1 - 138	15 - 152	AC005071.
HNFGM40	3860	524398	1 - 357	15 - 371	AI758365, R25772, AI199589, AA905339, AW410939, AA101566, AI828038, AI743331, AW294803, AI990537, AI907224, AI990873, AI636883, AI907223, AA781736, and A1479878
HNFGM61	3861	750800	1 - 294	15 - 308	AW239189, AW327701, AA206129, AL048272, AW239069, AA352871, AA310523, AA295649, AA481822, AW384995, AW384998, H93967, AA759007, R48716, AA434007, AW376413, H25589, T54238, R74215, H30574, AW404846, AF149791, and D21261
HNFGM76	3862	908665	1 - 868	15 - 882	AI860139, AI738678, AW149459, AI394329, AI499859, AI879584, AI475610, AI094142, AI057183, AW051629, AW136472, AW293272, AI886866, AI825816, AA236872, AI189241, AA927552, AI084187, AW2561159, AI57348, AF156628, and AF137500
HNFGN36	3863	575567	1 - 635	15 - 649	AA085530, AA278791, and AI961765.
HNFGN60	3864	574588	1 - 322	15 - 336	Z59518.
HNFGP07	3865	953915	1 - 522	15 - 536	
HNFGP31	3866	574643	1 - 113	15 - 127	AL135009, and AF053630.
HNFGP64	3867	932413	1 - 719	15 - 733	AW117576, AA648940, AA814664, and AA749041.
HNFGQ23	3868	750597	1 - 370	15 - 384	AL035530.
HNFGQ58	3869	574583	1 - 300	15 - 314	
HNFGU56	3870	574587	1 - 353	15 - 367	
HNFGW96	3871	915309	1 - 753	15 - 767	H24136, R25934, Z45244, and A1214671.
HNFGX55	3872	195918	1 - 722	15 - 736	T89765, and T84142.
HNFGZ03	3873	924695	1 - 486	15 - 500	AI765111, and AC006953.
HNFHA11	3874	967520	1 - 436	15 - 450	
HNFHD40	3875	970875	1 - 468	15 - 482	
HNFHF18	3876	666827	1 - 300	15 - 314	
HNFHF32	3877	699518	1 - 310	15 - 324	
HNFHF33	3878	574146	1 - 397	15 - 411	
HNFHF53	3879	574148	1 - 338	15 - 352	AL034375, and AC002326.
HNFHG35	3880	574684	1 - 222	15 - 236	
HNFHH12	3881	808896	1 - 250	15 - 264	The second secon
HNFHH31	3882	574697	1 - 304	15 - 318	
HNFHH33	3883	574703	1 - 348	15 - 362	
HNFHH83	3884	523646	1 - 299	15 - 313	
HNFHH88	3885	521932	1 - 116	15 - 130	M62505, AC003007, and AC005632.
HNFHI17	3886	523569	1 - 214	15 - 228	
HNFHJ10	3887	964802	1 - 340	15 - 354	AC006953.

			AW151017, AI361481, AI660038, AA668973, H16074, AC002549, and AC003049.		AI283842, AA928413, R85226, W16867, A1902392, T07285, N54179, AA808903, AA714028, AL133867, H50738, AA086360, T06699, H91188, AD000092, AC005778, AL050318, X65032, AC005089, AC005826, AC007537, AC006379, AL008631, AL109865, AL035410, AL022302, AC007059, AL021808, AC003657, U78027, AL035422, AC006454, X14448, AF147433, AC008127, AC003688, AL031657, AL049757, AL031721, AC005921, AC005822, AF001552, AC011331, Z82189, AC005837, AC002476, AD000864, AC007421, AL109984, AL031780, AC004815, Z98941, AC005703, AL021407, AC003025, AC004814, AF047825, AC008040, AC012677, AC007880, AC004088, AC004738, AC004814, AF047825, AC008040,	AC000997, Z99129, AC003043, AC004921, AC005568, AL121652, AC002364, AF139813, AC005828, AL121825, AP000702, AL035681, AP000703, AL035681, AP000703, AL035681, AP000703, AC005828, AL121825, AC003043, AL096769, AC007842, AP000691, AC006547, and AC007201.			AA573693, AA313075, AA550850, AL047645, T54673, AA468356, AA608529, AW085621, AL037777, AA290802, R09127, AA744583, A1089968, A1088759, AW026427, AA808982, F23235, AA635413, N48297, AA253451, AA593092, AW268329, AA489797, R11510, AA372420, A1053568, AA000855, A1356986, AA284888, AA284638, AA290682, AA436404, AA454759, A1308598, T71936, A1356986, AA284888, AA284638, AA290682, AA436404, AA454759, A1308598, T71936, A136905, AC004292, AC005411, AL034420, AL049569, AC004893, AC005525, AC004292, AC005037, AC005285, AC005666, AC005587, AC132165, AL121757, AC0050571, AF024533, AF111168, AC005666, AC005581, X04530, AC005844, Z99943, AC006271, AF024533, AF111168, AC002565, X58139, AJ010770, AC005684, AL022400, AC006211, AC005920, AC004927, AF051976, AL049779, AL121578, AC004651, AC006368, AC009247, AF030453, AP000500, AC006323, AC005193, AF165926, AL0355411, AL117356, AL133445, AB026899, AC006077, AC005881, AC004106, AL096766, and AC006462.	records and the total and Arbitlan.			AA299540, AC000159, and AB007864.
15 - 281	15 - 447	15 - 429	15 - 434	15 - 131	15 - 889		15 - 135	15 - 88	15 - 289	15 - 436	15 - 438	15 - 240	15 - 345
1 - 267	1 - 433	1 - 415	1 - 420	1 - 117	1 - 875		1 - 121	1 - 74	1 - 275	1 - 422	1 - 424	1 - 226	1 - 331
953538	860844	576186	577324	657247	916624		674349	662643	860887	921950	765827	576147	586494
3888	3889	3890	3891	3892	3893		3894	3895	3896	3808	3899	3900	3901
HNFHK07	HNFHK46	HNFHK77	HNFHK85	HNFHM09	HNFHM47		HNFHM58	HNFHM60	HNFHN03	HNFH023	HNFH032	HNFHQ67	HNFHR70

		M79201.	AA281626, AA626747, AA744220, AW406447, AI281903, AA736472, AA652057, AA649642, AA598997, AA125788, AA095511, AW088058, AW074207, AA947370, AL042420, AI571512, T07324, AA553604, AI299694, AA836275, AA494163, AA151807, AA831388, AA338522, AW148507, AI281881, AC001311, AC006581, Z95329, AC004526, AL135744, AC004963, AL021707, AP000500, AC008179, AC002090, AF055066, AP001137, AF196971, AF067844, AC005703, Z99570, AC008179, AC004858, AL049869, AF130343, Z72522, AL021878, AF205588, AC004531, AC005994, L29074, AC007050, AC006026, AC0060213, AL131603, AL133238, AF109907, AF053356, AL096701, Z69921, AC004991, AC016025, AC004647, AC006055, AC016026, AL034402, AC005711, AP000348, Z82184, AC006071, Z85986, AC006052, AF087510, AC007066, AL121658, AC020663, AC005102, L48473, Z83820, Z98048, AC006313, AL031589, AI246003, AC003029, AC006312, AC006064, AC002310, AC006051, AL022322, AL049759, AC003684, AC0060512, AC006064, AC002425, AP000556, AC007919, AL080243, and AL031431.	AL138162, and AC004490.	AA186965, R74512, Z42358, and A1904695.		W21388, D89870, AC004152, and Z58159.	AA228901, T89776, T71470, and Z83844.		AA682722, AA579680, AA995482, and H60525.	AF072099, and AC008984.		AB017919.	AC007032.		AL031283.	AW276703, and AC005280.	AC005095.	AC002091, AR026676, AC003695, Y10742, and AR026672.	AI088952.	
15 - 447	15 - 313	15 - 757	15 - 334	15 - 378	15 - 410	15 - 536	15 - 316	15-317	15 - 408	15 - 641	15 - 293	15 - 583	15 - 294	15 - 319	15 - 125	15 - 359	15 - 385	15 - 226	15 - 479	15 - 265	15 - 593
1 - 433	1 - 299	1 - 743	1 - 320	1 - 364	1 - 396	1 - 522	1 - 302	1 - 303	1 - 394	1 - 627	1 - 279	1 - 569	1 - 280	1 - 305	1 - 111	1 - 345	1 - 371	1 - 212	1 - 465	1 - 251	1 - 579
725666	576118	512927	683506	506309	766220	939763	577110	757261	577329	934305	716852	860879	861010	523438	577326	577442	707264	576032	918389	576143	919275
3902	3903	3904	3905	3906	3907	3908	3909	3910	3911	3912	3913	3914	-+		3917	3918	3919	3920	3921	$\dashv$	3923
HNFHS84	HNFHS85	HNFHU20	HNFHU27	HNFHU85	HNFHV81	HNFHW14	HNFHW40	HNFHW70	HNFHW81	HNFHX24	HNFHX44	HNFHY29	HNFIA33	HNFIB47	HNFIB67	HNFIC22	HNFIC43	HNFIE18	HNFIG07	HNFIH79	HNFIJ46

290   AL049553.			.35 AC004149, and AL049759.			43	65 144517.	70	61	63	10 AB007864, and AC000159.	A1083668, A1880750, A1911931, A1418465, A1762839, A1659971, A1479026, A1096759, A1033897, A1401511, A1871470, A1884848, A1814201, AW406595, A1431497, A1401210, AA293370, W75960, AA744801, A1127571, A1817886, AW405264, A1684858, W72885, AW026962, A1304914, A1224469, AA292652, AW404229, AA284412, AA766620, AW026968, AW026962, A1360930, AA355073, A1332950, AA633494, AW406935, AW407231, AA55073, A1322950, AA633494, AW406935, AW407201, AA892255, AW407951, A1243522, AA929024, AA768971, AW405242, AA744457, AA744459, N75335, AM716083, A1352425, AA744029, AA580941, AA811203, A1146957, AL047763, A1468866, AA293055, AL121270, A1349772, A1539771, A1538716, A1800453, AL040243, A1540824, A162084, A16239, A1640243, A1540832, A1640243, A1640831, A162084, A1640833, A1640831, A163087, A1678302, A1678302, A169811, AW195957, A1613017, A1499131, A1439087, A1568855, A1678302, A1631107, A1568870, A1224992, AL121365, A1678302, A1688831,
15 - 290	15 - 237	15 - 439	15 - 435	15 - 273	15 - 445	15 - 443	15 - 565	15 - 470	15 - 461	15 - 463	15 - 210	15 - 1503
1 - 276	1 - 223	1 - 425	1 - 421	1 - 259	1 - 431	1 - 429	1 - 551	1 - 456	1 - 447	1 - 449	1 - 196	1 - 1489
921951	576151	506258	657201	661500	702415	740372	574569	779925	573095	724374	921037	965283
3924	3925	3926	3927	3928		3930	3931		3933		3935	3936
HNFIK03	HNFIK37	HNFIK44	HNFIM13	HNFIM16	HNFIN33	HNFIN60	HNFIN67	HNFIN83	HNFI027	HNFIO50	HNFI082	HNFIP50

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A82595, AR060385, A84916, AB028859, AJ132110, AB002449, A62300, A62298, AR018138, AR008278, AF058696, I50126, I50132, I50128, I50133, I14842, A45456, AR016514, AR066487, A43192, A43190, X67155, AR060138, Y17188, A94995, D26022, A26615, AR052274, Y12724, AR038669, A25909, A30438, AR066488, A67220, Y09669, D89785, A78862, D34614, AR054175, AR008443, Y17187, A63261, D88547, AR008277, AR008281, AR016691, AR016690, U46128, AR062872, D50010, A70867, AR016808, X82626, AR008408, I79511, A64136, A68321, AR060133, I82448, and AR025207.				AC005920.	AW104496, and AA485071.				AI564185, AA829565, AL133246, AC002416, AL031587, AP001052, AC006071, AL080243, AC004386, AL109759, AF001552, U52111, AL109798, AC005156, AC002546, AC006013, AL049776, AC005911, AC009336, AL049539, AC008372, AL035587, U85195, AL022165, AL035089, AC005411, AL049760, AF205588, AC004526, AJ246003, AP000031, AC005069, AC005342, Z68285, AL121658, AC004552, AC004525, AL109628, AC006111, AL021707, AC005255, AL109963, AE000658, AC004019, AC005971, AF111168, AL021255, AC007773, AC002470, Z86090, AL033527, AC004805, AL031229, AL117329, AL022322, AP000359, U95742, AP000008, AP001037, AC006449, AL133448, AL022476, AC003109, AC008040, AC004770, AC009308, AL031387, AC006449, AL133448, AL022476, AC004478, AL031274, AL021579, AC007488, AC007543, AC006241, AC007221, AC005364, AC005256, AL09847, AF045555, Z93023, AC005102, AC005308, AC005703, AC005488, AC004659, AC004139, AL024474, AP000555, AL035455, AC0048859, AL133163, AC005703, AC005488, AC007283, AL133455, AC004889, AL133163, AC005703, AC005488, AL13345, AL133463, AL133463, AL133463, AL133463, AL13345, AL133463,		AC002127.	AA649070, AA210872, AA809496, AI567520, AA405464, and N67248.				
	15 - 339	15 - 151	15 - 155	15 - 322	15 - 403	15 - 362	15 - 140	15 - 348	15 - 560	15 - 286	15 - 347	15 - 798	15 - 408	15 - 234	15 - 338	15 - 378
	1 - 325	1 - 137	1 - 141	1 - 308	1 - 389	1 - 348	1 - 126	1 - 334	1 - 546	1 - 272	1 - 333	1 - 784	1 - 394	1 - 220	1 - 324	1 - 364
	869802	574339	574340	574463	577253	574344	574338	953900	952203	806055	574392	296656	660916	574454	574452	784836
	4058	4059	4060	4061	4062	4063	4064	4065	4066	4067	4068	4069	4070	4071	4072	4073
	HNGCQ37	HNGCU24	HNGCU70	HNGCW38	HNGCW81	HNGCW82	HNGCW83	HNGCX07	HNGCY37	HNGCY41	HNGCY43	HNGCY59	HNGCZ13	HNGDA09	HNGDA56	HNGDB25

HNGDB65	4074	526852	1 - 248	15 - 262	AL022101, and AL023753.
HNGDD30	40/2	5/3021	1 - 421	15 - 435	
HNGDD39	4076	709270	1 - 150	15 - 164	T18597, AA585325, Z32822, AA585378, R45895, AA585098, R29657, Z32887, D59751, D53161,
					AAS85329, AAS85101, C15406, D57491, D61185, Z33559, R28735, R29445, D59458, AI557718,
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					R28892, D59436, R28965, D54850, AI541517, AA585439, Z28355, AA585155, AI526140,
					AI541365, R28967, AA170832, AI535639, D60765, D54897, D60844, Z36724, R29218,
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					AA283326, AI557084, AI541383, AI546999, AI557533, AA585356, AI546875, AI547250,
					D55233, AI557763, AI547039, D61254, D53447, AI557734, C16292, C15120, C15762, D52835,
					AI526112, AI526117, D53472, AA585476, AI557408, AI541346, AI557602, AI557807, C16300,
					AI541013, C16296, AI525339, AI526024, C16293, AI557852, D30843, AI525306, AI547196,
					C16305, C15737, AI525302, AI541374, AI557155, AA585389, AI557317, AI526109, AI536138,
					AI547202, D60730, AI525168, AI557758, AI526146, AI546945, AI525431, AI526158, AI526191,
					AI541515, AI526194, AI540974, AI546921, AI541321, AI541307, AI525320, AI541492,
					AIS46901, AIS57279, AIS57810, AIS47140, Z30131, AIS57808, AIS41423, AIS28856, AIS26176,
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					R29179, AI541402, AI547006, AI546829, AA585453, AI525114, AI526195, AI541422, AI557041,
					C14210, C14208, AI541527, AI525656, AI526169, AI557039, D61060, AI525076, AA585434,
					AI526113, R29262, R29172, C16290, AI524904, R29177, AI524891, AI541027, AI540944,
					AI556967, AI557786, AA585117, T19407, AI546954, AI525332, AI526073, AI239433, AI547137,
					AA585420, AI557238, AI557796, AI541510, T41289, AA514191, AI524890, AI526187,
					AI557785, AI526205, AI540928, AI541506, AI541415, AI541075, AI547158, AI541345,
					AI541450, AI525286, AI546828, D51413, AI557082, T41329, D50992, AI526026, AI046024,
					AI547122, AI546841, AI540920, AI557802, AI557285, AI547026, AI547138, AI557543,
					AI541362, AI540882, AR062871, A25909, AR038855, X82786, Y09813, X76012, A85395,
					A70872, A70869, A85476, U94592, AR031358, AR031365, AR037157, U87250, AC005913,
					AJ243486, AR017826, AJ244006, AJ244005, Y16359, AF082186, AR038762, Z30183, AR003381,
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					AR017907, AF006072, AJ244003, X82834, AF135243, AB005666, L36913, and AJ131952.
HNGDD73	4077	764596	1 - 452	15 - 466	AC005390.
HNGDE07	4078	953858	1 - 239	15 - 253	
HNGDE31	4079	794124	1 - 382	15 - 396	AF109718, AC004908, AC006328, AC004916, AC004842, and AL133216.
HNGDF48	4080	723368	1 - 147	15 - 161	AL022098.
HNGDF72	4081	766217	1 - 315	15 - 329	AC004914.

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15 - 324	15 - 378	15 - 215	15 - 436	15 - 441	15 - 365	15 - 389	15 - 369	15 - 104	15 - 184	15 - 694	15 - 451																									
1-310	1 - 364	1 - 201	1 - 422	1 - 427	1 - 351	1 - 375	1 - 355	1 - 90	1 - 170	1 - 680	1 - 437																									
577237	573022	917254	914629	573060	860684	574559	935842	574451	927582	973285	968221																				•					
4082	4083	4084	4085	4086	4087	4088	4089	4090	4091	4092	4093																									
HNGDG86	HNGDH09	HNGDH37	HNGDH52	1INGDH96	HNGDK17	HNGDK41	HNGDL32	HNGDL72	HNGDL93	HNGDO17	HNGDP10																									

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	1 - 452	1 - 433	1 - 401	1 - 351	1 - 348	1 - 487	1 - 389	1 - 315	1 - 376	1 - 284	1 - 248	1 - 364	1 - 311	1 - 533	1 - 250	1 - 504	1 - 400	1 - 504	1 - 432	1 - 287	1 - 98	1 - 501	1 - 420	1 - 290	1 - 488	1 - 300	1 - 585	1 - 258	1 - 396	1 - 409	1 - 348	1 - 149
	574484	574482	574488	574480	574481	699098	574478	574477	953672	657404	572904	572901	999098	572909	576763	796488	572895	722062	572910	573152	739407	796487	576773	573162	661943	860661	870390	968042	572908	920168	572865	572855
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	HNGDP13	HNGDP27	HNGDP29	HNGDP30	HNGDP71	HNGDP74	HNGDP89	HNGDP95	HNGDR19	HNGDR42	HNGDR79	HNGDR81	HNGDR88	HNGDS04	HNGDS59	HNGDS96	HNGDT36	HNGDU45	HNGDV22	HNGDV25	HNGDV59	HNGDV96	HNGDW23	HNGDW62	HNGDW95	HNGDX50	HNGDY12	HNGDY14	HNGDY39	HNGDY92	HNGDZ52	HNGEA44

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15 - 179	15 - 362	15 - 399	15 - 313	15 - 354	15 - 1001				•												***														
1 - 165	1 - 348	1 - 385	1 - 299	1 - 340	1 - 987																														
778879	578911	576743	572862	924912	917530							•																							
4126	4127	4128	4129	4130	4131																														
HNGEA82	HNGEA88	HNGEB79	HNGEB81	HNGEB91	HNGEC02																														

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1 - 308	1 - 293	1 - 338	1 - 335	1 - 404	1 - 353	1 - 273	1 - 349	1 - 439	1 - 239	1 - 182	1 - 545	1 - 263
573018	573065	708692	572880	860685	784431	573049	967310	720471	932199	573066	934987	572864
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HNGEE18	HNGEE39	HNGEF58	HNGEG45	HNGEG74	HNGEG85	HNGEG86	HNGEI22	HNGEI47	HNGEJ04	HNGEJ22	HNGEJ35	HNGEK30

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1 - 442	1 - 328	1 - 576	1 - 359	1 - 361	1 - 388	1 - 397	1 - 350	1 - 351	1 - 296	1 - 1144		1 - 359	1 - 422	1 - 417	1 - 867	1 - 616	1 - 266	1 - 297	1 - 85	1 - 302	1 - 495	1 - 625	1 - 355	1 - 505	1 - 291	1 - 600	1 - 418	1 - 397	1 - 460
576745	753159	958363	572867	573041	860643	663955	572876	732262	576749	860631		572858	766574	861710	778161	953647	572984	860687	572873	699391	578903	945838	586451	95236	733543	490034	573013	953618	506498
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HNGEK44	HNGEK68	HNGEL62	HNGEL92	HNGEM38	HNGEM53	HNGEN37	HNGEN45	HNGEP55	HNGEP61	HNGEP64		HNGEP70	HNGEP75	HNGEP77	HNGEP81	HNGEQ07	HNGEQ32	HNGEQ67	HNGER25	HNGER43	HNGER67	HNGER82	HNGER84	HNGER96	HNGES56	HNGES59	HNGES89	HNGET07	HNGET31

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15 - 370	15 - 738																																
1-356	1 - 724																																
953529	853582																																
4183	4184													_												*******							
HNGET67	HNGEU35																								-1-		-11						

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15 - 148	15 - 414	15 - 531
1 - 134	1 - 400	1 - 517
860626	781207	490914
4185	4186	4 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1
HNGEU37	HNGEV33	HNGEV34

4188 572882 1 4189 572894 1 4190 573090 1 4191 576750 1 4192 750391 1 4194 506312 1 4195 789128 1 4196 750542 1 4197 958328 1 4198 572874 1	15 - 327	- 302 15 - 316 AC006263.		- 585 15 - 599 AA644587, AA135942, AA004231, AL044969, H30905, R01285, AI079521, R01173, and AC004223.	- 128   15 - 142	- 246 15 - 260	- 89 15 - 103 AL034429.	- 326   15 - 340   H23596, H40504, and H21110.	1 - 336 15 - 350	- 276 A362395, AW051064, A1085439, W25284, AA652057, AA649642, AI446464, AA125788, AA348859, AL037876, H13868, AA441788, N71724, R91744, AA329192, AI886176, A1064864, AA095511, AW419262, R76463, AW088058, AW074207, AA654627, AA199660, AA826032, T62712, AI439360, AI623696, F24284, T90706, R45369, AA337978, AA058859, AA368030, AL048616, AA491814, AA147516, AI299050, AW406447, T56472, R93061, AI281903, AW192154, AI371429, N23649, AA332991, AI423625, AA650244, AA199798, F32705, AW0516, H72666, AA134367, W95976, W95841, W00796, T53607, AI184354, AI537955, AA318652, AA365347, AL048925, AA654771, AA501722, R24205, AA677318, AW021917, AA878140, N66026, AI612032, AA678436, AA57725, F25276, AA127636, AI499503, AA878140, N66026, AI612032, AA678436, AA557325, F25276, AA127636, AI499503, AA828984, R69934, AA167741, R66878, N58534, AI305766, AI46048, AA309384, AA167741, R66878, N58534, AI305766, AI46048, AA30939, AA828984, R69934, AA167741, R66878, N58534, AI305766, AI6048, AA52099, AA4899775, AA578141, H77643, AA581342, AA338522, AA6499037, AA6499035, AI166023, AA076632, AA076632, AA65878, N58534, AI309066, H16048, AA932099, AA489775, AA578141, H77643, AA581342, AA581382, AA64919037, AA649705, AI863283, T16592.
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528 15 - 542 362 15 - 376 314 15 - 328 314 15 - 328 534 15 - 548	1 - 528 1 - 362 1 - 362 1 - 323 1 - 314 1 - 534	1 - 528 1 - 362 1 - 362 1 - 323 1 - 314 1 - 534
		935838 1 959230 1 834919 1 572897 1

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15 - 476	15 - 481	15 - 419	15 - 680	15 - 485	15 - 149	15 - 319	15 - 627			
1 - 462	1 - 467	1 - 405	1 - 666	1 - 471	1 - 135	1 - 305	1 - 613			
920375	752239	574462	774277	424813	952235	576719	963490		<del></del>	
4205	4207	4208	4206	4210	4211	4212	4213			
HNGEY60 HNGEY80	HNGEY84	HNGEZ45	HNGFA28	HNGFA39	HNGFA41	HNGFA67	HNGFA80			***************************************

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	15 - 379	15 - 339	15 - 263	15 - 174	15 - 366	15 - 472	15 - 368	15 - 408	15 - 558	15 - 649	15 - 412	15-217	15 - 340	15 - 315	15 - 536
	1 - 365	1 - 325	1 - 249	1 - 160	1 - 352	1 - 458	1 - 354	1 - 394	1 - 544	1 - 635	1 - 398	1 - 203	1 - 326	1 - 301	1 - 522
	882656	573575	868072	573024	573160	835997	823462	783467	968248	966508	573084	725787	860595	926873	966118
	4214	4215	4216	4217	4218	4219	4220	4221	4222	4223	4224	4225	-		4228
	HNGFB08	HNGFB52	HNGFB57	HNGFB74	HNGFC71	HNGFD63	HNGFD75	HNGFD85	HNGFD96	HNGFF35	HNGFG22	HNGFG51	HNGFG57	HNGFG69	HNGFH94

		R98238, AC002306, and Z97192.						D83779.		AL049836.	AA411753.			AI306717, AI281622, AI270177, AI417586, AI065031, AA374797, AI251576, AI306232.	AW274191, AI583466, AI002863, AA831801, AI559583, AA443778, AI798521, AW084173.	AA832016, AI298995, AA443771, AI275989, AA205911, AW243793, AA229012, AA229730	T40629, AW019964, AA657910, AI133083, AI338526, AI955029, AW341955, AW439703.	A1357628, A1499376, A1066646, H86579, A1471476, A1267356, AW242279, A287502	AA761966, AI755202, H16875, AA496309, AA346870, AA573000, H50725, AW377926,	AW028376, AA018923, AI982994, AA012829, H73306, N23919, AA226260, AI860535.	AI278211, AI560073, AA126475, AI624379, AW392414, AA017240, AW408596, AA572813,	AA704806, AA640252, AC007182, AC007563, AC006958, AC008040, AC005046, AC006511,	Z85987, AC012627, AC004216, AC006973, AL049838, AC003976, AL049758, Z99496,	AC003964, AL031985, AC005228, AB020868, AF165926, AC004999, AL049552, AL031429,	Z83826, AC004797, AL031983, AL033527, AC005011, AC007225, AL078593, AF196970,	AC007240, AC005697, AC006120, Z97054, AC005225, AC005004, AL035683, AL109847,	Z98048, AF155238, AC005261, U52112, L47334, AL031280, AC006480, AC002390, AC003037,	AC005632, AL096776, AC004067, U95740, AC004825, U50871, AL035252, AC005482, U91321,	AC007376, AC007546, AC005057, AC004617, AC005874, AF134471, AL034420, AC005386,	AC004003, AP000248, AC007160, AC007050, AL117258, AC002375, AL031291, AL132992,	AL121578, AL031681, AL133445, AC009501, AC010200, AC005534, AC006137, AC007327,	AF117829, AP000344, AC011456, AC005839, U82668, AP001058, L29074, AC005102, Z94056,	AL139054, AL109628, AL049869, AC006116, AP000011, AL031663, AC007283, AC005737,	AL024507, AC010206, AC006566, AF111168, AC007880, AC007536, AC003007, AC004975,	ACUU-1681, ABUZU803, ACUUDU88, ACUU3306, ACUU3049, AL133333, ACUU3993, ALU35420,
15 - 429	15 - 352	15 - 348	15 - 416	15 - 396	15 - 991	15 - 269	15 - 344	15 - 406	15 - 524	15 - 301	15 - 382	15 - 351	15 - 487	15 - 295																					
1 - 415	1 - 338	1 - 334	1 - 402	1 - 382	1 - 977	1 - 255	1 - 330	1 - 392	1-510	1 - 287	1 - 368	1 - 337	1 - 473	1 - 281																					
935828	278896	868669	578892	860591	544726	860589	572833	584729	578884	860585	572821	970740	869925	770209		-							<del></del>	•				in the second							1
4229	4230	4231	4232	4233	4234	4235	4236	4237	4238	4239	4240	4241	4242	4243																					
HNGFI06	HNGFI20	HNGFI32	HNGFI81	HNGFJ27	HNGFK28	HNGFK44	HNGFL04	HNGFM50	HNGFM74	HNGFM79	HNGFN21	HNGFN56	HNGFN65	HNGFN96						7.7			-				·				-				

AP000511, AL021937, AL096712, AF002993, Z86062, AC005048, AC004838, AC005593, AC003009, AC004817, Z82245, AL049631, AP000689, AC007368, AP000152, AC006040, AC006059, AB003151, AC003991, AC007312, AC006449, AE000659, AL034379, AC008119, AF111169, AC006388, Z95116, AC004814, AC004025, AL021154, AC004525, AC009946, AC009308, AL080243, AB023050, AC005207, AC002477, AC005095, AC006198, AC004103, AF055066, AL049766, AC007934, AF227510, AR036572, U91328, AC004832, AL049872, AL034582, AC004104, AL021918, Z84467, AC005333, AL035423, AC005878, AC004087, AL008987, AL096861, AP000692, AL035690, AL035551, AL046611, and AL035417			AC008981.		AL008720.		AC006453.	AC007136.				U51560, and Z80896.	H80158.			AC004605.			Z68225.	AL031055.		AL050337.			AC005155.		
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	1 - 255	1 - 356	1 - 261	1 - 336	1 - 362	1 - 341	1 - 359	1 - 347	1 - 358	1 - 483	1 - 310	1 - 357	1 - 481	1 - 469	1 - 422	1 - 373	1 - 403	1 - 315	1 - 328	1 - 555	1 - 396	1 - 412	1 - 260	1 - 355	1 - 197	1 - 409	1 - 327
	935135	572856	526792	920483	959730	573052	931021	707332	703715	576715	920482	573358	860245	646263	576713	572838	573094	932396	572828	671599	772335	971170	860576	559450	924670	806047	924693
	4244	4245	4246	4247	4248	4249	4250	4251	4252	4253	4254	4255	4256	4257	4258	4259	4260	4261	4262	4263	4264	4265	4266	4267	4268	4269	4270
	HNGF046	HNGFO55	HNGF081	HNGFP02	HNGFP08	HNGFP62	HNGFP80	HNGFP93	HNGFQ36	HNGFQ58	HNGFR02	HNGFR16	HNGFR48	HNGFR73	HNGFR80	HNGFR85	HNGFS46	HNGFS58	HNGFS71	HNGFT19	HNGFT77	HNGFU12	HNGFU28	HNGFU40	HNGFV03	HNGFV32	HNGFW09

		268756.				AC006160,		AC005220.	AC002288, AC004111, AC007130, AC003950, Z84487, AC005514, AC004905, AC003036, AC007030, AC005265, AL023807, AP000353, and AC022517.				AC004583, and AC002041.			AC008124.	The state of the s		AF048728.											H73720, AP000555, AL049588, Z85986, AC006130, AC005089, AL031282, AC006441, and U81831.			
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HNGFW15	HNGFW31	HNGFW82	HNGFW96	HNGGA08	HNGGA10	HNGGA20	HNGGA40	HNGGA44	HNGGA53	HNGGA90	HNGGB09	HNGGE10	HNGGE38	HNGGF02	HNGGF03	HNGGF06	HNGGF26	HNGGF57	HNGGG02	HNGGG10	HNGGG15	HNGGG18	HNGGG22	HNGGG25	HNGGG26	HNGGG50	HNGGG56	HNGGGG63	HNGGG76	HNGGH38	HNGGH48	HNGGH57	HNGGH64

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577192	924908	576214	959639	576270	825371	830081	576259	576253	576247	576255	576758	964819	576284	576219	576220	576287	576229	924578	576263	576268	708119
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HNGGH74	HNGGH78	HNGGH95	HNGGI08	HNGGI52	HNGGI58	HNGGI81	HNGGK31	HNGGK53	HNGGK86	HNGGK94	HNGGL51	HNGGM10	HNGGM41	HNGGM56	HNGGM67	HNGGM76	HNGGM92	HNGGN03	HNGGN04	HNGGN16	HNGGN36

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	15 - 427	15 - 318	15 - 446	15 - 328	15 - 322	15 - 408	15 - 686	15 - 148	15 - 338	15 - 857	15 - 255	15 - 229	15 - 447	15 - 258	15 - 400	15 - 412	15 - 428	15 - 78	15 - 415	15 - 262	15-405
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	577319	967253	916754	860246	576277	576238	712426	576249	577327	916753	964815	576250	576246	765698	970861	825369	576305	576308	576312	751781	576740
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15 - 363	15 - 327	15 - 321	15 - 364	15 - 260	15 - 376	15 - 131	15 - 290	15 - 300	15-511	15 - 437			_						<del></del>																`	
1 - 349	1 - 313	1 - 307	1-350	1 - 246	1 - 362	1 - 117	1 - 276	1 - 286	1 - 497	1 - 423						-					***				•		,			•						
576311	576297	719127	576302	576301	576299	725750	953549	576313	781247	795920			_											-						•		-				
4348	4349	4350	4351	4352	4353	4354	4355	4356	4357	4358		•													<del></del>								<u> </u>			
HNGGS78	HNGGT44	HNGGT46	HNGGT55	HNGGT57	HNGGT58	HNGGT62	HNGGV07	HNGGV55	HNGGV70	HNGGV95																										

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	15 - 341	15 - 332	15 - 280
	1 - 327	1 - 318	1 - 266
	868071	860551	576188
	4359	4360	4361
	HNGGX46	HNGGX49	HNGGX91

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Z64732.			AC005304.		AA601995, AA565285, AW151732, AA551798, AC006960, AC002119, AF064860, AC005988,	ACUUS3/2, ACUU3/38, ABUU13/23, ACUU6480, ALU35658, ALU96712, AL121655, AC003075,	ACU05089, ALU0460U, AF000558, ACU06017, ACU05089, AL021391, AC009516, AL096794,	ALIZIOUS, ALUSSYSS, ACUUSOSI, ACUUSZSI, Z8ZZ44, ALUZI8//, ALUSS464, ACUUS730,	1000011, allu AC000214.		AA458724.			AL132987.	AI920851, AA338474, T27234, AA326098, AW317023, R68640, AI818313, AA829693,	AA370883, AA366269, AC006255, AC002350, AC007052, AF111167, AC009891, AL117258,	Z75890, AL023281, AF179633, AL035470, AC002289, AL035698, AC006409, AL050321,	Z99128, AP000210, AP000132, AP000248, AC006101, AL133246, AF152365, AC003045,	AP000300, AP000045, AP000113, AC002543, and AC005027.			U91326, and AC002544.	Z83733, and AL049749.			AC004520.			AC002038, AC006352, AC002041, AP000543, AC006359, and AC002307.		AA864653, A1089093, AI470199, AA757250, AI038529, AA654837, H12636, AI612981, T61868,	AA012846, AI658809, AA582114, AA115234, AA115354, AC004972, AL021330, Z93018,	AC006924, AC006020, AL031684, AL121866, AL021182, Z70719, AC008013, AB023048,	Arousti, Acousti, Arozissa, 282200, Acou44/4, Alus448s, Alusziss, AC00716s,
15 - 277	15 - 293	15 - 413	15 - 598	15 - 351	15 - 392				15 - 461	15 - 386	15 - 551	15 - 142	15 - 639	15 - 520	15 - 531					15 - 529	15 - 341	15 - 408	15 - 317	15 - 320	15 - 358	15 - 444	15 - 347	15 - 344	15 - 326	15 - 358	15 - 280			
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576193	576222	953539	860553	576213	576300		•		772279	860552	576306	506261	463007	733509	69/9/5					576215	932099	860544	576314	506262	836226	576317	953540	576209	576197	577124	576202			-
4362	4363	4364	4365	4366	4367				4368	4369	4370	4371	4372	4373	4374					4375	4376	4377	4378	4379	4380	4381	4382	4383	4384	4385	4386			_
HNGGX93	HNGGX95	HNGHA08	HNGHA10	HNGHA47	HNGHA70				HNGHA77	HNGHB07	HNGHB31	HNGHB33	HNGHB48	HNGHB55	HNGHB80					HNGHB91	HNGHD04	HNGHD09	HNGHD22	HNGHD25	HNGHD59	HNGHD67	HNGHE07	HNGHE17	HNGHE52	HNGHE56	HNGHE62			

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	753107	779951	971736	577414	576230	576232	576218	924570	577354	585685	576208	576205	576206	576195	576191	576207	772277	964814	973969	576326	576223	576226	576320	506269	772283	576741	576325
	4387	4388	4389	4390	4391	4392	4393	4394	4395	4396	4397	4398	4399	4400	4401	4402	4403	4404	4405	4406	4407	4408	4409	4410	4411	4412	4413
	HNGHE69	HNGHE95	HNGHG15	HNGHG22	HNGHG56	HNGHG68	HNGHG71	HNGHJ26	HNGHK13	HNGHK42	HNGHK44	HNGHK46	HNGHK48	HNGHK50	HNGHK53	HNGHK68	HNGHK77	HNGHL10	HNGHL20	HNGHL22	HNGHL51	HNGHL52	HNGHT65	HNGHL76	HNGHL77	HNGHM33	HNGHM36

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	AL034402, and AL049871.			AA393776, AI149821, AI339278, AA436071, AI125367, and AA397838.	AI183881, AI085895; AW014092, AL023656, AL121588, AL132826, AL035090, Z94722, AL008627, AL021877, and AL033381.				AA456578, AI471887, AI198588, AA635739, AL042757, AI873761, AA478355, AA226715,	AI955807, AA452832, AA493695, W01230, AA610491, AA584876, AI110688, AA493975,	AW084466, AW275510, AA634889, N49368, AI687343, AI308402, AI700109, AL120086,	AL119984, AI345157, AW089625, AA372481, AA702729, AW002350, AI133297, AW069769.	AI278087, AI953275, AA279421, AI635819, AA808877, AL046409, AI431303, AW302903.	AW263415, AA633753, AA019312, AL037554, AW269117, AA224083, AA780503, A1932599	AI470646, AI133164, AA497023, AA618452, AA724333, AI005388, AW023990, AW270657	AA493136, AL041690, AI305766, C15893, AL037683, AW168618, AW268973, AI 048955	AA708664, AL041453, AI344812, AL043009, AI334464, AW193461, AA468022, AI926855	AA564570, AW270343, AI340641, AA719524, AA908687, AA501762, AA584167, AL041444.	AI223604, AA629872, AI873852, AW080777, AL045053, AA551975, AI039584, H25921,	AA356089, AI932493, AA541423, AW193265, AA478297, AI311927, AA613345, AA531079,	AI691091, AL118991, AI350211, AA569240, AI754658, AW131249, AI860013, AA455483,	AI633390, AA018283, AA487621, T06754, AI927116, AA488746, AI250083, AA065093,	AI912383, AL037040, AL043289, AA831132, AI479966, AI284640, AA299189, AA380354,	AA613397, AI584186, AI933534, AW149313, AL138455, AI954260, AA774059, AI207496,	AA297769, AI525319, AI217936, AI275355, AA639326, AL038799, AA127426, AA663170,	AA326372, AL042853, AW104030, AL040061, T92271, R35746, AW020340, AI003255,	AA715267, AA101689, AI268334, AI268336, F07743, AA992891, AA402129, AI754253,	AA715255, AA581903, T41247, AJ006997, AC007514, AC002385, AC006556, AL049699,	AC004491, AC005745, AC006568, AC007206, AC006017, AP000170, AC007114, AC004150,	AL022326, AP000550, AL031577, AC007708, AC008018, AL049576, AC008079, AC009288,	AC005923, AF111168, AC007666, AC006285, Z83826, AC008039, AF109907, AC006022,	AL118507, AC006251, AC005696, AL031665, AC005871, AL008718, AL133445, AC005829,	AC000029, AC004913, AC006004, AL049569, AC007421, Z82244, AC012398, Z83840,	ACU06029, 293943, ACU10072, AC006014, AC004519, AL035461, AC004024, AC007214, AC007879, AC002470, AC004227, AC007637, AC008268, AL035419, AC003986, AL135783.
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1 - 394	1 - 433	1 - 244	1 - 237	1 - 341	1 - 416	1 - 434	1 - 427	1 - 218	1 - 203																									
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4414	4415	4416	4417	4418	4419	4420	4421	4422	4423		_						-																	
HNGHM51	HNGHN22	HNGHN40	HNGHN42	HNGHN52	HNGHN56	HNGHN70	HNGHN75	HNGHN76	HNGHIN86														-17.											

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	15 - 356	15 - 437	15 - 440	15 - 343	15 - 319	15 - 227	15 - 250	15 - 375	15 - 382	15 - 381	15 - 325	15 - 383	15 - 308
	1 - 342	1 - 423	1 - 426	1 - 329	1 - 305	1 - 213	1 - 236	1 - 361	1 - 368	1 - 367	1 - 311	1 - 369	1 - 294
	506259	928076	576127	920373	964804	576168	420281	576173	575735	576142	840278	576174	576178 1
	4424	4425	4426	4427	4428	4429	4430	4431	4432	4433	4434	4435	4436
	HNGHN93	HNGHN94	HNGHN95	HNGHO02	HNGHO10	HNGH015	HNGHO26	HNGHO28	HNGH032	HNGH036	HNGHO62	HNGHO66	HNGHP28

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			AC006352, AC007028, AB019440, AB019438, and AB019437.			AW407632, AI270120, AA937809, AA968509, AA305492, AA502207, AI709174, AA947369	AA730916, AI521525, AA557945, AA135761, AI537368, AA809104, AI821945, AW020150	AA492105, AA661948, AA747480, AI358501, AA525407, AA297496, AA077619, AL04168	AL041682, AA135988, H15241, AA229159, AI289505, AW068580, Z23147, AA665330	AA015948, R98218, N22153, AA441788, AA847427, F23274, AA748140, F34826, A1679045	AA858380, AA669251, R70883, T49013, F29989, AA847508, AA779988, 1746884, T05689,	AI049722, AL039930, AA714073, AL045476, AW080134, AA357987, AA3579034, AA351808	AI284640, AI298079, AA598892, H02631, N35492, AA 507990, AI577550, AA 558003	AA187277, AA226142, AA778962, AI285453, A1358343, A1624379, AI499964, AW105737	AA181070, AI636422, AA742815, AA991792, A1749688, A1524072, AWA10715, AA3777730	T49933, AW190484, AA664604, AI471877, AW073498, AI979410, AI753672, AI866106	AIS90459, AI750950, AW151541, A1974207, A A135811, A A570456, A A56020, A A132500	AI917891, AL035460, M87898, AC009501, AL117258, AC002059, AC004531, AC00553	AF217403, AC007055, AC006275, AC004685, S42653, AC000394, AC006312, AC005761	S77605, AL049829, AL049835, AC005568, AC005516, AC004841, AC005550, AL121603,	AC002400, AL136168, AC002425, AF091512, Z85987, Z97630, AL049569, AC005081.	AF024534, M87914, AL031295, AC004900, AL035697, AC004643, M87919, AC005578, S70707.	AC005102, AL121658, AC007358, AL035659, Z97832, AJ003147, AL021154, U75285,	AC004702, U47924, AC006449, AC006552, AC009731, S75337, AL049830, AP000225,	AC002054, AC005104, AP000704, AP000356, AL049760, AF001550, AC004791, AF109907,	AL031673, Z82179, Z49236, AP000008, AC005086, AL022318, AL022336, AC005046,	AJ006995, AC003037, AF001548, AF085747, AC004955, AC005899, AC006543, AC003098,	U95742, AC006071, AP000467, AC007199, Z30993, AC005318, AC000087, AF196969,	AC005585, AC009946, AC010077, AC004834, U96629, AC007216, AC006017, AC004560,	AC006130, AC005581, AC005014, AC020663, AC005921, AL034351, AC009247, AF134726.	AC009516, AC005295, Z83838, AL034402, AC004805, AC005280, AL031729, AC005726,	AC005781, AC005082, AC006241, AF139813, AL031680, AF196970, AD000092, AC004079,	AC006059, AF165926, AL031767, AC006538, AP001068, AC005256, AC000025, AC004644,	AC006111, AC005088, AC005919, AC006544, AC005920, AP000116, AC005911, AL049869,	AC004131, AC010205, AP000555, AC002994, AC006157, AL096761, AL008718, AL031591,	M87918, AC006480, AL109798, AL021546, AC007686, Z84487, AL049653, AL109963,
15 - 140	15 - 206	15 - 239	15 - 426	15 - 345	15 - 443	15 - 251																											•			
1 - 126	1 - 192	1 - 225	1 - 412	1 - 331	1 - 429	1 - 237				•				•																						
576136	577357	576053	577335	683507	576262	576144					_				•					•							-								-	
4437	4438	4439	4440	4441	4442	4443																														
HNGHP66	HNGHP74	HNGHP91	HNGHP95	HNGHQ27	HNGHQ43	HNGHQ55																														
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	15 - 445	15 - 248	15 - 442	15 - 449	15 - 437	15 - 440	15 - 375	15 - 249	15 - 394	15 - 447	15 - 326	15 - 332	15 - 444	15 - 151	15 - 314	15 - 447	15 - 446	15 - 444	15 - 476	15-311	15 - 263	15 - 352	15 - 446
	1 - 431	1 - 234	1 - 428	1 - 435	1 - 423	1 - 426	1 - 361	1 - 235	1 - 380	1 - 433	1 - 312	1 - 318	1 - 430	1 - 137	1 - 300	1 - 433	1 - 432	1 - 430	1 - 462	1 - 297	1 - 249	1 - 338	1 - 432
	576105	770126	723008	576196	576199	576210	935706	576149	953531	577363	730769	576139	860532	576181	716649	576269	576155 1	678887	934280 1	576177 1	921946   1	967226	660299 1
	4444	4445	4446	4447	4448	4449	4450	4451	4452	4453	4454	4455	4456	4457	4458	4459	4460	4461	4462	4463	-	4465	4466
	HNGHQ72	HNGHQ76	HNGHÓ96	HNGHR04	HNGHR79	HNGHR83	HNGHT06	HNGHT92	HNGHY07	HNGHY31	HNGHY54	HNGHY78	HNGHZ17	HNGHZ48	HNGHZ51	HNGIA19	HNGIA40	HNGIA66	HNGIC34	HNGIC67	HNGID03	HNGID11	HNGID15

	AC005072, and AF006752.	268324.						AC003976.									AL079339,					AI688289, AC003968, AC003960, AJ009632, Z84477, AC006374, AC008064, AC004051, AL133224, AC005156, AC000119, AC004137, AP000701, and AC006254.								AC005251.	AW089101, AA493894, AW089604, W45350, AA478355, AI630176, AI783581, AI345418,	AW410354, AL038072, AA303007, AA633753, AW069084, AA721047, R99518, AL049636,	AC019014, AC00531, AC109964, AL031668, D87675, AL022323, AC006241, U85195, AC019014, AC005531, AC007390, AF000658, AC004917, A1003147, AC005682, A1021155	11. 11. 11. 11. 11. 11. 11. 11. 11. 11.
15 - 343	15 - 124	15 - 348	15 - 400	15 - 366	15 - 210	15 - 444	15 - 353	15 - 247	15 - 274	15-91	15 - 189	15 - 333	15 - 381	15 - 113	15 - 288	15 - 359	15 - 339	15 - 348	15 - 325	15 - 166	15 - 387	15 - 450	15 - 252	15 - 330	15 - 437	15 - 514	15 - 451	15 - 452	15 - 442		15 - 355	7	7	
1 - 329	1 - 110	1 - 334	1 - 386	1 - 352	1 - 196	1 - 430	1 - 339	1 - 233	1 - 260	1 - 77	1 - 175	1 - 319	1 - 367	1 - 99	1 - 274	1 - 345	1 - 325	1 - 334	1 - 311	1 - 152	1 - 373	1 - 436	1 - 238	1 - 316	1 - 423				1 - 428	1 - 263	1 - 341			-
576114	690898	751668	576117	576120	577358	577189	920362	576122	576123	576154	576156	915340	576158	576153	576102	916748	925597	964809	860526	576224	506355	779901	712362	713817	772230	839952	715328   1	615308	653221	770078	788715			
4467	4468	4469	4470	4471	4472	4473	4474	4475	4476	4477	4478	4479	4480	4481	4482	4483	4484	4485	4486	4487	4488	4489	4490	4491	4492	4493	4494	4495	4496	4497	4498			
HNGID16	HNGID33	HNGID67	HNGID78	HNGID80	HNGID89	HNGID91	HNGIH02	HNGIH56	HNGIH94	HNGII16	HNGII47	HNGII50	HNGII74	9/IIDNH	HNGII85	HNGIJ01	HNGIJ05	HNGIJ11	HNGIJ59	HNGIJ66	HNGI167	96IJSH	HNGIK41	HNGIK42	HNGIK77	HNGIL27	HNGIL43	HNGIM04	HNGIM46	HNGIM76	HNGIM90		-	

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	15 - 259	15 - 567	15 - 450	15 - 454	15 - 406	15 - 379	15 - 338	15 - 354	15 - 391	15 - 335	15 - 436	15 - 419	15 - 420	15 - 359	15 - 436	15 - 396
	1 - 245	1 - 553	1 - 436	1 - 440	1 - 392	1 - 365	1 - 324	1 - 340	1 - 377	1 - 321	1 - 422	1 - 405	1 - 406	1 - 345	1 - 422	1 - 382
	783495	964991	666515	860521	660320	576857	577338	840215	860518	575752	860510	715324	720944	506352 1	719088	524799
	4499	4500	4501	4502	4503	4504	4505	4506	4507	4508	4509	4510	4511	4512	4513	4514
	HNGIM92	HNGIN11	HNGIN18	HNGIN28	HNGI015	HNGIO77	HNGIP30	HNGIP39	HNGIP42	HNGIP72	HNGIQ28	HNGIQ43	HNGIQ48	99ÒIDNH	HNGIR34	HNGIR92

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276 1 264456
4524 764456 1 - 345
4525 674660 1 - 261
HNGIY36   4526   707323   1 - 182   15 - 196

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	AA448018, and AB016816.	AA306200, H09834, and Z99714.	Al268789, AL031297, and AL021155.		AC006465.		AI674585, and AW137161.	AL110505.		T15352, AA586366, AA585098, AA585325, T18597, AA170832, R29657, R45895, AA585101	D53161, Z32822, C15406, Z32887, D57491, D59751, R28735, R29445, C15069, D61185	AI557718, AA585155, AI557740, AI525316, AA585378, AI557262. AI526184 R28892	AI557864, AI541356, R28965, AA585439, Z28355, AI526140, AI541365, AI525500, D60765	D54897, AA585329, D60844, D59436, R29218, C16294, AI526078, AI541517, AI557731	R28967, R28895, AI557727, AI541205, AI541535, AI546971, AI525556, C16315, 733559	AA283326, AI541383, AA585476, AI546999, AI547250, AI557763, AI546875, D55233	AI540903, AI526016, AI547039, D61254, D53447, AI557734, AI557084, C16292, C15120	C15762, D54850, D52835, D53472, D51433, A1557787, A1541346, C16300, A1541013, A1535639	C16293, AI557807, AI525306, C16305, C15737, AI557809, AI541374, AA585356, D60730.	AI557758, AI546945, AI525431, AI526191, AI557155, AI541034, AI547196, D59458, C16296,	AI526194, AI557408, AI547202, AI541523, AI557533, R29179, Z30131, AI525339, D57186,	AI526112, AI557602, AI546831, AI546921, AI541307, AI526109, AI546996, AI540967,	AI546891, AI547006, AI526024, AI526117, D78224, AI525856, AI557279, AA585430, AI540974,	AI535660, AI541321, AI541515, AA585453, AI525320, AI557808, Z36724, C14208, AI526176,	AI541402, R29262, AI557852, R29172, AI541492, AI526113, AI526195, R29177, C16290,	AI541527, AI546829, AI526158, AI526146, AI556967, T19407, AI546901, AI541516, AI557317,	AI536138, AI525168, AI541422, AI557039, AI526073, AA585389, AI526205, AI547137,	AI541510, AI525656, AI557786, T41289, AA514191, AI557264, AI525332, AI557799, AI526180,	AI557810, AI526187, AI546954, AI525286, AI525114, AI524904, AI557041, AA585117,	AI547189, AI541423, AI541027, AI524891, AI525076, T41329, AA585434, C14210, D61060,	C14322, AI541506, AI541415, AJ239433, AP000543, AR038855, AR062871, A25909, Y09813,	X82786, A85395, A70872, A70869, A85476, X76012, AR037157, X81969, U87250, Z32836,	AJ244005, Y16359, AR054723, AF082186, AR038762, AR031358, D50010, X55486, AR031365,	D13509, AJ244004, A20702, AR062872, AR062873, A20700, D78345, A43189, A43188,	AR017907, AJ244003, AJ244006, AR017826, AJ243486, AC005913, AR003381, A98420,   A98473 A98431 A98436 A98417 A08477 AD008430 720183 A2230 A2230 A2230
15 - 353	15 - 162	15 - 532	15 - 363	15 - 402	15 - 317	15 - 437	15 - 423	15 - 973	15 - 306	15 - 438																									
1 - 339	1 - 148	1 - 518	1 - 349	1 - 388	1 - 303	1 - 423	1 - 409	1 - 959	1 - 292	1 - 424		, .								*			19.41							•					
868065	740404	775229	792737	670962	733439	757599	668704	787570	666512	936011																		-							
4527	4528	4529	4530	4531	4532	4533	4534	4535	4536	4537																						-	•		
HNGIY56	HNGIY60	HNGIY79	HNGIY92	HNGIZ36	HNGIZ56	HNGIZ69	HNGIZ82	HNGJA15	HNGJA18	HNGJB34																									

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	15 - 446	15 - 385	15 - 418	15 - 353	15 - 176	15 - 215	15 - 751	15 - 442
	1 - 432	1 - 371	- 404	- 339	- 162	- 201	- 737	- 428
	724406	753060	723380 1	786924   1	739500 1	660312 1	774154   1	760397 1
	4538	4539	_		$\dashv$	-	4544	4545
	HNGJB52	HNGJB68	HNGJC60	HNGJC66	HNGJC76	HNGJD15	HNGJD61	HNGJD71

HNGID76   4546   670948   1-339   15-353	Г		Т	Т		1	Т		_	-		_	7-	_		_	_	_		1	_	т-	
4546       670948       1-339         4547       661976       1-366         4548       795219       1-409         4549       960003       1-380         4550       669732       1-415         4551       66504       1-399         4552       698487       1-575         4553       683440       1-395         4554       775221       1-142         4555       660308       1-421         4556       708703       1-376         4556       708703       1-376         4550       415566       1-292         4560       860350       1-435         4561       952237       1-337         4562       666843       1-246         4563       953648       1-356         4564       690667       1-375         4566       465160       1-405         4567       465159       1-369         4568       760393       1-412						AL096853.	AW293616, and AA661680.			AL021528.						AL045943, AL134524, AL042377, L26292, AF190465, AC007425, AC005520, AC002540, AL035420, U89387, AC006241, AC005911, AC005519, AL049557, AL031681, and Acnocodo	1, 11001, and 11000, 11001, and 11000, 11001, and 11000, 1100		AC005058.				AI124706, AA307598, T74524, AI609972, AI755214, AI754567, AA658918, AI754105, AW328331, AA527209, AA654038, AA535216, AA643770, AI380617, AW304699, AI612142, AA714110, AI251576, AW274191, AI306232, AA704393, AI912401, AI583466, AI583252, AI733647, AI187148, AA533545, H07953, AA225890, AA747757, AA084609, AA297666, AA515138, AA829036, AW275432, H53284, AI049630, W60522, AW275412, AL118925, R92629, AI446336, AW300749, AA720774, AA904211, AI733662, AI244157, AA877992, AW083678, AA513551, AP000496, AF085946, AL050341, AL031985, AC006071, AC005484, AC005800, AC002544, Z98750, AC006277, AC006112, AC005412, U67813, Z97054, AC005484, AC005800, AC002544, Z98750, AC006237, AC004167, L13176, AC006254, AP001053, AC004972, AL021546, AL023553, AC007276, AL049872, AC004805, AL031281, AC005049, AF038458, U80017, AL133243, Z99943, AC006441, AL121658, AC004638, AL022336, AF111169, Z99495, AC004084, AL139054, Z94056, AC004534, AL008583, AP000501, Z93016.
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HNGJK77	4583	732737	1 - 530	15 - 544	AC006084, AC004820, and AF118125.

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HNGJQ35	4604	707326	1 - 376	15 - 390	
HNGJR01	4605	916555	1 - 542	15 - 556	AA342681, AA581914, AA775049, T48872, R26134, AI754955, AA441788, AA551798, AI360514, AA077776, AI446474, AA649642, R92640, AA662974, AA663306, AI445815, AI049996, AW268190, AW265654, AI978792, AL037910, AA483655, AA649553, AA558298, AW021917, AI597832, AI284108, AA780929, AA128592, AA577732, AI345695, AI114752, AI865213, AA8809189, AA437402, AI284640, AA482896, AA121919, F29989, AA487542, AA167741, T94094, H58472, AA720732, AW188976, R83838, F23255, AA161181, H64777, AW339622, AI014378, AL036854, AW088058, AA747472, T40612, R32200, AA614010, C14692, F17700, AL120245, AA296859, AI865988, AA527730, AW268277, AI885572, H84359, AI241705, AW337454, AW271904, AW189068, AW440633, AI524540, AA501614, W01999, AA516047, T40617, T52478, AA584489, AI079129, AA679872, AI453233, AA595625, AA747375, AA904275, AA515350, AA557879, T47739, AI160117, AA593471, R82388, T06828,

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	HNGKB78	HNGKB93	HNGKD55	HNGKD94																													

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	HNGKE73	4632	860312	1 - 664	15 - 678	

HNGKE89	4633	786257	1 - 522	15 - 536	AL139228.
HNGKE91	4634	789685	1 - 535	15 - 549	AC004263.
HNGKE93	4635	791623	1 - 462	15 - 476	
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					C14344, D51221, T03116, D58101, D80258, D59317, D80014, D59474, C14227, D59503,
					AW3/8533, AA514184, C14957, AW177508, D60010, D60214, D51213, AI535686, AI535850,
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HNGKG61	4640	860317	1 - 408	15 - 422	
HNGKH04	4641	926987	1 - 421	15 - 435	AC002041, AC006352, AJ239321, AC002038, AC006359, and AC004057.
HNGKI30	4642	860205	1 - 314	15 - 328	T05706, A61271, AF134707, and A61272.
HNGKI36	4643	784854	1 - 598	15 - 612	AC005939, and AC007488.

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1 - 224	1 - 502	1 - 682	1 - 619	1 - 690	1 - 281	1 - 301	1 - 285	1 - 387	1 - 496	1 - 675	1 - 301	1 - 266	1 - 146	1 - 565	1 - 341	1 - 299	1 - 725	1 - 727	1 - 729	1 - 610	1 - 1309	979 - 1	1 - 704	1 - 726	1 - 608	1 - 535								
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HNGKI90	HNGKI93	HNGKJ01	HNGKJ38	HNGKJ51	HNGKK35	HNGK011	HNGKP29	HNGKS06	HNGKT08	HNGKT69	HNGKU04	HNGKV01	HNGLA54	HNGLC01	HNGLC46	HNGLD34	HNGLE25	HNGLE52	HNGLE74	HNGLF03	HNGLF08	HNGTG06	HNGLH72	HNGLH82	HNGLJ04	HNGLJ20								

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	1 - 306	1 - 508	1 - 658	1 - 408	1 - 397	1 - 635
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	4679	4680	4681	4682	
	HNGLL67	HNGLL91	HNGLM06	HNGLO10	

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15 - 648	15 - 605	15 - 424	15 - 338
1 - 634	1 - 591	1 - 410	1 - 324
7228777	934371	915306	860244
4690	4691	4692	4693
HNGLT67	HNGLX63	HNGMAOI	HNGMA49

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	860166	773752	860243	923041	927026	793483	860242	
	4694	4695	4696	4697	4698	4699	4700	_
	HNGMB26	HNGMB33	HNGMC51	HNGMD03	HNGMD04	HNGME93	HNGMF04	

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	15 - 161	15 - 457	15 - 733	15 - 597	15 - 394	15 - 392	15 - 546	15 - 429	15 - 284	15 - 580	15 - 668	15 - 668	15 - 502	15 - 222
	1 - 147	1 - 443	1 - 719	1 - 583	1 - 380	1 - 378	1 - 532	1 - 415	1 - 270	1 - 566	1 - 654	1 - 654	1 - 488	1 - 208
	966114	795236	772974	966091	934318	958361	775503	791725	923011	786340	952224	860240	860201	933358
	4701	4702	4703	4704	4705	4706	4707	4708	4709	4710	4711	4712	4713	4714
	HNGMF11	HNGMF46	HNGMF79	HNGMF94	HNGMG06	HNGMG08	HNGMH80	HNGMH93	HNGMJ04	HNGM189	HNGML07	HNGML53	HNGMM51	HNGMM54

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15 - 482	15 - 524	15 - 597	15 - 630	15 - 326	15 - 535	15 - 344	15 - 136	15 - 84	15 - 580	15 - 690	15 - 575	15 - 580			4																	
1 - 468	1 - 510	1 - 583	1 - 616	1 - 312	1 - 521	1 - 330	1 - 122	1 - 70	1 - 566	1 - 676	1 - 561	1 - 566												_								
806036	806000	860231	790852	786255	835612	789680	779201	915258	963425	296198	847818	922831			<del>-111</del>							-						1			-	
4715	4716	4717	4718	4719	4720	4721	4722	4723	4724	4725	4726	4727													<u> </u>							
HNGMM87	HNGMV73	HNGMW52	HNGMW92	HNGMX80	HNGMX87	HNGMX91	HNGNA23	HNGNB01	HNGNE65	HNGNF40	HNGNG37	HNGNH03																				

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	926985	781913	860168	893899	841902										•	<del></del>			-				•				=		•	
	4728	4729	4730	4731	4732	•													****											
	HNGNI04	HNGNI52	HNGNI75	HNGNI94	HNGNM24																									

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		AI904944, AI799421, AI475294, N22501, AA827383, AA126221, AI520925, AL039309, H41183	AA524846, AI871691, AI671077, AA774119, AI446623, AW270429, AW270351, F23268,	H59856, AA084320, AW129188, R31264, R66407, AA218684, AL138252, AI805699, N71579,	AA831801, H05066, AA171400, H24331, AW338376, AA230221, AI890297, AI819391, H23238,	AA822016, AA5///19, AA662431, R31260, T92237, H80621, AI683426, AI859744, F07564,	AAZZ8442, AA653291, AA368329, AW238495, AW019964, AI453160, AI564294, AA633197.	AA632765, AI798242, AI471467, AA595656, AW265149, AA678616, H59611, AA610255.	AL048002, AA831997, AA508882, H58393, H59651, AW439724, AA609826, AA558404.	AL138065, AW151761, AA767257, AA579399, AI668566, N55515, AA434346, AW408767	AA628740, H15241, AA351808, AA569220, AW007424, AA664248, A1758858, E71771	A1889426, F04838, A1537800, A1860535, A1755057, AA454504, AA741301, T73016, AA664034	AA313078. H64715. AA578394 AW005974 W06557, A1821650 A1870651, A1870654,	A[624379 A[92726] AA807704 A1460468 A 450457 A1775000 A 77774 A 77704 A 1460468 A 450457 A 77775000 A 77774 A 77775000 A 77775000 A 777774 A 777774 A 77775000 A 7777500 A 777750 A 7777500 A 777750 A 7777	707547 ACMESON ACMANDA ATTACK AND \$003/2, \$12/2959, \$102/91/, \$LU(9303,	222342, AC002800, AC002312, AL133241, AC002433, AC008015, AL008638, AL031681,	AC004549, AC006465, AC006959, AC002487, AC008928, AL049553, AC002375, AC007559.	AC005608, AC006312, AL049694, AL121825, AC004738, Z74021, AF190465, AC004241	AC004616, AP000953, AC007130, AC005316, AC005317, AC002310, AC003101 AC005335	AC007226, AC007225, AC004653, AC006388, AL031588, AC006441, AL040569, AL040561	AP000952, AL121603, AC005082, AC007686, AC005740, AC004749, AC015000	AL035603, AL023807, AC004650, AP000098, AC004448, 1147654, AC005480, AC006344	AC004685, AC008080, Z95152, AC005067, U43572, A51133, A76958, M84472, AC000024	D87011, U95090, U34879, U82668, AC005696, AL022238, AC007401, AC005355, AC005365	AL049814, Z84719, Z97056, AL031729, AL080317, AL033504, AC006455, AC006039	AL135744, AL109628, AC002559, AC005017, Z98304, AL022237, AC006263, AC006966	AL023283, AC006208, AC004686, AL031587, AL133249, AC005189, AC002316, U62292,	AC006254, AC004593, D86995, AL031728, AL132987, Z81369, Z68162, AC004185, AC006047	AC005775, AC003104, AP000694, AP000692, AC004797, AL035696, AC004953, AC009542	AC007263, AC009330, AC006065, AF109907, AC006130, AC004583, AL049565, AL109984	AC005378, AC004253, AC002094, AC006350, AF111170, AL035455, U96629, AL022165	AL022069, Z82244, AC004596, AC005773, AL031281, AL117694, AC004887, 144140, 799716	AC004112, Z99943, AC004212, M22970, AF113129, AC003964, AC007308, AL021546.	AC005206, AC005667, AL031659, AC003982, AC004706, AC007032, AL031848, AL023803.	AC007684, AC005015, AL022329, AC002470, AC004882, U89387, AC007277, AD000812,	AC005565, AC006162, AL035398, AC002126, AC012330, AC007708, AL034379, AC004999,	295115, AC009288, AC005030, AC008132, AL117258, AC007325, AC005598, AC007981
15 - 467	15 - 454	15 - 453																																			
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787388	908167	860199							**************************************				*****				•		<del></del> .														-				
4737	4738	4739										-									_		-							_							
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	1 - 447	1 - 683	1 - 706	1 - 507			1 - 562	1 - 508	1 - 512	1 - 435	1 - 502	1 - 288	1 - 551	1 - 501	1 - 320	1 - 792	1 - 667	1 - 506	1 - 639	1 - 325	1 - 473			-	7/14/
	783747	806018	806042	860158			790926	839887	966082	779154	791700	790805	860143	796548	782188	783717	971178	958943	806013	921433	860193			-	
	4740	4741	4742	4743			4744	4745	4746	4747	4748	4749	4750	4751	4752	4753	4754	4755	4756	4757	4758		<del></del>		
	HNGNW85	HNGNX37	HNGNX65	HNGNZ01	•		HNGNZ38	HNGNZ91	HNGOA11	HNGOA82	HNGOB95	HNGOD68	HNGOE64	HNGOF50	HNGOF84	HNGOF85	HNGOG49	HNGOH42	HNGOI86	HNGOJ13	HNGOJ64				

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	- 244	- 703	- 342
	789689 1	784813 1	860185
	4759	4760	4761
	HNGOK59	HNGOK86	HNGOL14

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	15 - 157	15 - 425	15 - 452	15 - 457
	1 - 143	1 - 411	1 - 438	1 - 443
	953888	926972	963483	860176
	4762	4763	4764	4765
	HNG0022	HNGOP04	L'INGOP10	HNGOS22

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	15 - 412	15 - 298	15 - 422	15 - 694	15 - 386	15 - 248	15 - 435	15 - 695	15 - 711	15 - 608	15 - 510	15 - 545	15 - 590	15 - 514	15 - 189	15 - 604			
	1 - 398	1 - 284	1 - 408	1 - 680	1 - 372	1 - 234	1 - 421	1 - 681	1 - 697	1 - 594	1 - 496	1 - 531	1 - 576	1 - 500	ı - 175	1 - 590			
	922963	921416	926926	915210	915012	880777	689696	947384	855983	805997	959740	913782	954997	860145	949269	963469		17/44	
	4766	4767	4768	4769	4770	4771	4772	4773	4774	4775	4776	4777	4778	4779	4780	4781		***	
	HNGOV03	HNGOV65	HNGOW13	HNGOY01	HNGOY10	HNG0Z17	HNGPH12	HNGPI08	HNGP123	HNGPJ51	HNGPL91	HNGPN01	HNGPN46	HNGPP61	HNGPR03	HNGPS10			

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	1 - 132	1 - 136	1 - 123	1 - 217	1 - 222	1 - 234	1 - 411	1 - 274	1 - 479
	860141	527921	527971	527815	725898	527809	860118	527806	899296
	4782	4783	4784	4785	4786	4787	4788	4789	4790
	HNHAB29	HNHAB93	HNHAF77	HNHAG50	HNHAG51	HNHAG64	HNHAH38	HNHAH84	HNHAI11

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15 - 129	15 - 418	15 - 321	15 - 139	15 - 651																														
1-115	1 - 404	1 - 307	1 - 125	1 - 637																														
860128	703576	574391	574384	515480					-																									
4791	4793	4794	4795	4796																						-								
HNHAI15 HNHAI68	HNHAJ59	HNHAK83	HNHAP79	HNHAW75																														

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	693318	724404	574387	577334	574305	959771	721688	574310	860119	793416	868059	526746	574090	953850	574048	925693	998699	574030	574139	597123	577193											
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	15 - 234	15 - 334	15 - 418	15 - 250	15 - 370	
	1 - 220	1 - 320	1 - 404	1 - 236	1 - 356	
	765815	753550	757745	574026	936012	
	4818	4819	4820	4821	4822	
	HNHBU91	HNHBU92	HNHBU93	HNHBV55	HNHBY06	

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AC006262, AF165926, AC004821, and AL022336.	AL031654.	AC004258.				AC007758.				AC005390.			AA135377, AI016828, AA572714, Z77249, AC005899, AL022336, Z96074, AC004841,	AF111168, AL049780, AL035249, AF048728, AL080317, AC004605, AC009721, AC005033,	AC005067, AL049776, AC004797, AC006544, AF205588, AP000300, AC008372, AC009509,	AL031733, AP000045, AP000113, AC004593, AL031276, AC010205, AC005409, AC005619,	AL139054, AL034423, AC005015, AC016831, AL035415, AC005081, AL031577, AC004659,	AC004589, AL022400, AC004983, AB022785, AP000065, AC004925, AC005740, AC004895,	AF017104, AC006063, AL009181, AC004923, AC005355, AL022326, AP000512, AC004707,	ACCULAÇÃO, ACCUSOUS, 230200, ACCUSOS, ALU498/2, L/8833, and ALU96/01.	MAJ02410.				AC009405.			AC007559.	AP000350.		AW419246, and AW277087.			R69234, H70121, and AC005071.	
	15-391	15 - 232	15 - 492	15 - 401	15 - 359	15 - 398	15 - 439	15 - 421	15 - 423	15 - 131	15 - 251	15 - 239	15 - 499					•		15 124	300 31	277 - 51	15 - 278	15 - 293	15 - 201	15 - 219	15 - 439	15 - 406	15-210	15 - 587	15 - 375	15 - 326	15 - 242	15 - 445	15 - 132
	1 - 377	1 - 218	1 - 478	1 - 387	1 - 345	1 - 384	1 - 425	1 - 407	1 - 409	1 - 117	1 - 237	1 - 225	1 - 485							1 420	1 - 420	1 - 211	1 - 264	1 - 279	1 - 187	1 - 205	1 - 425	1 - 392	1 - 196	1 - 573	1 - 361	1 - 312	1 - 228	1 - 431	1 - 118
	774280	964712	694401	924873	577343	574309	574028	679154	860112	574084	753558	760565	786033							780577	574007	274082	719476	573010	577186	574337	860641	574147	666844	934307	866950	969905	574341	757410	574394
	4823	4824	4825	4826	4827	4828	4829	4830	4831	4832	4833	4834	4835							4836	4027	4637	4838	4839	4840	4841	4842	4843	4844	4845	4846	4847	4848	4849	4850
	HNHBY45	HNHBY60	HNHBY83	HNHBZ03	HNHCC42	HNHCD63	HNHCE68	HNHCJ25	HNHCJ35	HNHCJ39	HNHCJ68	HNHCJ71	HNHCJ80							HNHCLOU	TIMITOT 20	HINHCLS8	HNHCL47	HNHCM80	HNHCN70	HNHCO27	HNHCO48	HNHCO64	HNHCP18	HNHCP22	HNHCP37	HNHCP78	HNHCP88	HNHCQ70	HNHCU18

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15 - 678	15 - 240	15 - 401	15 - 335	15 - 332	15 - 457	15 - 154	15 - 161	15 - 502	15 - 502	15 - 502	15 - 74	15 - 355	15 - 343	15 - 435	15 - 210	15 - 348											15 227	12 - 51	15 - 214	15 - 341	15 - 328	15 - 227	15 - 480	15 - 326	15 - 403
1 - 664	1 - 226	1 - 387	1 - 321	1 - 318	1 - 443	1 - 140	1 - 147	1 - 488	1 - 488	1 - 488	1 - 60	1 - 341	1 - 329	1 - 421	1 - 196	1 - 334											1 222	1 - 223	1 - 200	1 - 327	1 - 314	1 - 213	1 - 466	1 - 312	1 - 389
850918	735005	766213	953881	574325	855988	574350	574150	574323	676290	574329	800661	574304	708705	577339	734794	709277											070070	900249	574385	936046	860101	577701	789082	773592	924713
4851	4852	4853	4854	4855	4856	4857	4858	4859	4860	4861	4862	4863	4864	4865	4866	4867											40.00	4000	4869	4870	4871	4872	4873	4874	4875
HNHCU42	HNHCU57	HNHCV72	HNHCZ07	HNHCZ23	HNHDA07	HNHDA79	HNHDA88	HNHDB11	HNHDB23	HNHDB46	HNHDB93	HNHDC26	HNHDC47	HNHDC83	HNHDC95	HNHDE38				-							INIIIDE21	HINTIDES!	HNHDF48	HNHDH06	HNHDH60	HNHDL62	HNHDL90	HNHDL94	HNHDM03

AC007052.	H41308, N94134, H37815, H51061, H69577, U47924, AL049872, AP000121, AF111169, AC005332, U63721, AL031681, AC005839, AP000321, AL022165, AC005280, AC005412, AC002310, AC005488, AC005736, AC004895, AC005015, AC005180, AF001549, AC006120, AC006965, AC004983, M15958, AC007151, AC004797, AC005081, Z99716, AC007312, AL133245, AP000167, AP000052, Z93241, AL023553, AC004998, AC004686, AC007312, AC006088, Z93017, AL049776, AC004815, AC004923, AP000113, AC006211, AC003109, AC003108, AC004596, AL139054, and AC002519				AI143917, E04378, D10017, AF023669, AB032964, E04379, and E04380.						R53975, AC005226, AC004690, AC004814, and AL031132.				AI053568, AA570255, AW069227, AW161879, T05834, AC007276, AP000355, AP000356, AL049795, U91326, AC005071, AL024507, AL035447, AC005081, U91323, AC007637, AL02476, AC004167, AC004491, AL035447, AC005581, U91323, AC007637, AC002425, AC0044821, U91318, AC004099, AC005563, AC005480, Z75407, AL008582, AC005504, AC007192, AC002094, AP000512, U78027, AC005412, AC005736, AC005705, AC005716, AL02165, AL021918, AL031432, AL035249, AC005736, AC005521, AC0077842, AC007421, AC007225, AL133163, AL132712, AL031587, AC002472, AC005520, AC007842, AC007421, AC007255, AL133163, AL133112, AL031680, AC006581, AC006480, AC007664, U95740, AF165926, AC006083, AC006581, AC006480, AC004125, AC004143, AL031889, AC006523, AC006487, AC004143, AL049843, AP000557, AC006083, AC005274, AC004033, AL050338, AF001550, AC006583, AL133243, AP000116, Z98044, AC005488, AL131683, AL031685, AF053356, AL133243, AP000116, Z98044, AC005488, AL131683, AL031685, AF053356, AL13216, AC001664, AC005488, AL133243, AP0000116, AC005488, AL131683, AL131683, AL131683, AL031683, A	AL135246, AL022310, AC005338, AC005/22, AL031295, AL022318, AC006251, AC004019,
15 - 355	15 - 553	15 - 437	15 - 202	15 - 318	15 - 752	15 - 354	15 - 496	15 - 361	15 - 339	15 - 161	15 - 508 I	15 - 351	15 - 584	15 - 430	15 - 381	4
1 - 341	- 539	- 423	- 188		- 738	- 340	- 482	- 347	- 325	- 147	- 494	- 337	- 570	- 416	- 367	-
711352 1	724550 1	506621 1	573388 1	735007 1	859988 1	746093 1	967334   1	573328 1	707334 1	704560 1	577256 1	573357 1	496246 1	923817 1	968082	
4876	4877	4878	4879	4880	4881		4883	4884	$\vdash$		_	4888	4889	4890	4891	-
HNHDM40	нинрм50	HNHDM74	HNHDN27	_	HNHDP04	HNHDP29	HNHDQ11	HNHDQ17	HNHDQ35	HNHDQ39		HNHDQ65	HNHDQ71	HNHDQ93	HNHDR10	

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	15 - 424	15 - 465	15 - 260	15 - 214	15 - 348	15 - 383	15 - 461	15 - 259	15 - 496	15 - 442	15 - 289	15 - 386	15 - 285	15 - 343	15 - 244	15 - 381	15 - 201	15 - 334							15 - 177	15 - 595	15 - 257
	1 - 410	1 - 451	1 - 246	1 - 200	1 - 334	1 - 369	1 - 447	1 - 245	1 - 482	1 - 428	1 - 275	1 - 372	1 - 271	1 - 329	1 - 230	1 - 367	1 - 187	1 - 320							1 - 163	1 - 581	1 - 243
	685580	575480	683585	573347	573349	917004	887158	574455	728871	717796	506622	750262	723189	779334	615272	573329	582473	9/19/5							924211	945708	795954
	4892	4893	4894	4895	4896	4897	4898	4899	4900	4901	4902	4903	4904	4905	4906	4907	4908	4909							4910	4911	4912
	HNHDR28	HNHDR71	HNHDS27	HNHDS83	HNHDS88	HNHDT01	HNHDT28	HNHDT42	HNHDT54	HNHDU83	HNHDV50	HNHDV84	HNHDW78	HNHDX80	HNHDX84	HNHDY18	HNHDY37	HNHDY45							HNHDY50	HNHDY54	HNHDY83

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HNHDZ14	HNHDZ26	HNHDZ69	HNHEA06	HNHEA21	HNHEA40	HNHEA96	HNHEB47	HNHEB88	HNHEC40	HNHEC51	HNHEC96	HNHED02	HNHED51	HNHED82	HNHED83	HNHEE25		HNHEE30	HNHEE38	HNHEE40	HNHEE49	HNHEF01	HNHEF73	HNHEG28	HNHEG32	HNHEG49	HNHEG68	HNHEG91	HNHEH04	HNHEH37	HNHEH41	HNHEH51	HNHEH52

AL031003.				AA115161, AL121825, and AP000547.				AC006464.	The state of the s		and the same of th	AJ009794.			AJ223321,	AI312582, AI054244, AA491864, AW275432, AI683131, AA715814, AW338651, AI569401,	AI278972, AA533054, F30650, AI270646, AA533880, AA526625, AA526326, AI590442,	AI620668, AI821805, AI880329, AA552590, AL037632, AL042230, AC005193, AC005049,	AL080243, AC005519, U91318, AC004882, AC005829, AC004802, AL031597, AC004675,	AF083655, AC004212, AF088219, AC007546, AC002350, AC004150, AC005484, AL035495,	AC004983, AC008044, AC004024, AC005212, Y18000, AL078460, AL050307, AC005903,	AC007384, AL109753, AC006480, AL021877, AC006544, AC000039, AL021808, AC006014,	AC004796, AC002045, AC006241, AC002369, AL031846, AL096791, AL033527, AC005529,	AC005768, AC004967, AL022326, AC004662, AL133163, AP000512, AC005046, AL031670,	AF031078, AL031432, AC004678, AF111168, AC004993, AC002126, AB023049, Z85986,	AC000367, AF030876, AC007226, AC004084, AC004491, Z82203, AC004448, AC007774,	Z93023, AC005488, AC003962, AF011920, Z82176, U95090, AC006120, Z97053, AL136504,	AC002430, AC005409, AC006538, AC006211, AC006958, AC005088, AC002091, AC007537,	AC004777, AL035450, AL031311, AC008134, AF134726, AL049869, AL022165, AC005015,	AP000347, AL022320, AC007676, AC005086, AC004019, AL078593, AC005702, AF190465,	AL049776, AL049872, AL135960, AJ131016, AC007308, AC006079, AC006115, AC010205,	AC004859, AL021391, AP000432, AD000812, AL009181, AL022328, AF207550, AC003029,	AC006160, L48038, AL031803, AL117694, AC004841, AL132992, AC002565, AL021394,	AF196779, AC008755, AC004913, Z97054, AC004526, AC007057, AL050308, AL050332, AP000556, AF185589, AL133371, AL0503807, AC00556, AC00556, AC00556, AC00556, AC00556, AC00556, AC00556, AC005569
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	1 - 391	1 - 363	1 - 315	1 - 427	1 - 731	1 - 364	1 - 221	1 - 303	1 - 234	1 - 149	1 - 452	1 - 453	1 - 319	1 - 325	1 - 309	1 - 587	_																	
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	4946	4947	4948	4949	4950	4951	4952	4953	4954	4955	4956	4957	4958	4959	4960	4961																		
	HNHEH60	HNHEI06	HNHEI64	HNHEJ07	HNHEJ11	HNHEJ23	HNHEJ24	HNHEJ44	HNHEJ57	HNHE185	HNHEK01	HNHEK63	HNHEK79	HNHEK83	HNHEL09	HNHEL37																		

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	15 - 462	15 - 268	15 - 374	15 - 593	15 - 424		15 - 364	15 - 357	15 - 353	15 - 608	15 - 346	15 - 434	15 - 434	15 - 446	15 - 446	15 - 451	15 - 441	15 - 704	15 - 210	15 - 434					
	1 - 448	1 - 254	1 - 360	1 - 579	1 - 410		1 - 350	1 - 343	1 - 339	1 - 594	1 - 332	1 - 420	1 - 420	1 - 432	1 - 432	1 - 437	1 - 427	069 - 1	1 - 196	1 - 420					
	859830	576423	506281	576430	786930		950725	860047	576424	825354	783480	920420	615402	733521	576544	576542	576548	860046	706683	859992					
	4962	4963	4964	4965	4966		4967	4968	4969	4970	4971	4972	4973	$\vdash$		9264	4977	4978	4979	4980					
	HNHEL42	HNHEL44	HNHEL53	HNHEL82	HNHEL94		HNHEM04	HNHEM34	HNHEM35	HNHEM83	HNHEM85	HNHEN02	HNHEN16	HNHEN56	HNHEN66	HNHEN76	HNHEO29	HNHEO43	HNHEO83	HNHE084					

AC006379, Z83844, AC005858, AL049636, AP000555, AC007565, Z21688, AC007011, and AL050333.	AF109076.					AL031290.		AC004036.						AA215634, AA825300, AA491266, AW136478, and AA282054.	AW249240, and AC006261.		AA093346, AI261785, AA714323, AC005498, AP000457 AI 049641, AC005064, AI 100764	AL049710, AC000119, AL049565, AC005019, AC004454, AL050401, AL049834, 1166059	AC004842, AL035695, AC004741, AF101874, AC004908, AL132777, AL133312, AL049778.	Z71182, AL135879, AL121790, AC007239, AL023806, AC004948, AL031663, AC004949.	Z70227, AC005873, AB020861, AL021451, AC005199, AL031114, U01882, AC007444, and	AJU11414, AJU11415, X8/904, and AB007867.				T57118, AC004966, AC007544, and AC007553	AA758775, H52638, AI445536, AA601208, AA354868, AW151201, AA200436, AI628200	AI628178, AA557911, T41164, T41132, A1745473, AA491361, AA311060 AW103782	AA569053, H40478, F23268, AA708305, AI859742, AI452836, H48734, M62264, AI459798,	AC005231, AC005899, D87675, U85195, AC007221, AC006312, AC005049, AC005954,	AC005736, AC005529, AL009181, AF134726, AL031589, AC005531, AC006120, AC007993, AL022336, AC016830, AP000255, AL033381, AL139054, AC005971, AP000135, AL024498,
	15 - 340	15 - 452	15 - 311	15 - 240	15 - 437	15 - 363	15 - 250	15 - 286	15 - 531	15 - 326	15 - 292	15 - 395	15-397	15 - 489	15 - 401	15 - 395	15 - 507					 15 - 584	15 444	15 - 382	15-387	15 - 459	15-356	•			
	1 - 326	1 - 438	1 - 297	1 - 226	1 - 423	1 - 349	1 - 236	1 - 272	1 - 517	1 - 312	1 - 278	1 - 381	1 - 383	1 - 475	1 - 387	1 - 381	1 - 493		-	_		1 - 3/0	1 420	1 - 368	1 - 373	1 - 445	1 - 342	!			
	576453	953577	576437	576455	577188	576456	-	918651	496484	932092	859833	953443	967128	675946	576497	881504	973297					6/6/1/	171106	860006	953410	577360	724449				
	4981	4982	4983	4984	4985	4986	4987	4988	4989	4990	4991	4992	4993	4994	4995	4996	4997					4998	5000	2000	5002	5003	5004				
	HNHEP49	HNHEQ07	HNHEQ46	HNHEQ60	HNHEQ70	HNHEQ92	HNHEQ94	HNHER06	HNHER21	HNHES05	HNHES06	HNHES07	HNHES11	HNHES23	HNHES35	HNHES56	HNHES61					HNHESSI	UNITETIA	HNHETOA	HNHFT25	HNHET57	HNHEI 150				

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	15 - 342	15 - 292	15 - 137	15 - 704	15 - 195	15-317	15 - 497	15 - 491	15 - 373	15 - 257	15 - 416	15 - 405
	1 - 328	1 - 278	1 - 123	1 - 690	1 - 181	1 - 303	1 - 483	1 - 477	1 - 359	1 - 243	1 - 402	1 - 391
•	576387	574396	577111	716661	577337	575777	924475	658506	953446	286029	576361	770081
	5005	9009	5007	2008	5009	5010	5011	5012	5013	5014	5015	5016
	HNHEU60	HNHEU71	HNHEV25	HNHEV44	HNHEV46	HNHEV49	HNHEW03	HNHEW14	HNHEW19	HNHEW21	HNHEW75	HNHEW76

AC005624,		AI339302, AA534221, AA678404, N57939, AW007294, AI291560, AC005206, AC005667, AC004382, AC000353, AF030453, AC005088, AC004770, AC004835, AC007450, AL132777, AL035685, AL133355, AC005620, AC003012, AC022517, AC004598, AC005006, AC006449, AC003109, AL139054, AC004841, AC003684, AL022162, AL035450, AC004012, AC004985, AC002480, AC00447, AC005300, AC006126, AF196779, AL133500, AC002349, AC004228, AC004884, and AC005300.	AL049646, Z55781, and Z54485.				AL047308.	Z82217, U95626, AC007751, AC005863, AC002288, and AC008069.		Total Transfer Transf	AL119623, and AB020628.				AW083544,	AI612930, AA365413, AA224238, AA531079, AA074342, AA077737, AA679532, AA582463, NZ5272, AL042927, AA484658, AA847702, H02485, AA779454, AW265090, AI682665, AW129526, AI061313, AC006285, AC016025, L78810, M63391, AC004000, AC018633, M87925, AL035587, AC005778, AC005606, AC005523, AC003695, AC004973, AL133312, AL078639, AC005696, AC005089, AC004031, AC004655, AC007270, AC004981, AC005527, AL129054, AC007666, AC006387, AC007637, AC004771, AC000072, AC006241, AL132777, AC007666, AC006387, AC006380, AF010400, AC005829, AL031662, AC004231, AP000065, AC003682, AC008125, AL080317, AC004643, U67220, Y18000, AL031431, L77569, AL049776, AC004228, AC004257, AL133448, AC005901, AL035071, AC006130, Z83846, AC005592, AB016195, AC004967, AC007787, AC004983, AC007688, AC001208, AC005209, AC005209, AC005303, AC005209, AC005368, AC005608, AC005204, AC0055274, AL020995, AC005520, AC005508, AL096861, AC006441, AC002365, AC005504, AC005204, AC005206, AL096861, AC006441, AC002365, AC005504, AC005204, AC005086, AL096861, AC006411, AC002305, AC005204, AC0
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953566	-	711225	575783	860036	860037			575745	953438	575788	887442	860033	967126	577302	576394	575786
5017	5018	5019	5020	5021	5022	5023		5025	5026	5027			2030	5031	5032	5033
HNHEW95	HNHEX12	HNHEX40	HNHEX54	HNHEX66	HNHEX77	HNHEY59	HNHEY63	HNHEY93	HNHEZ07	HNHEZ18	HNHEZ19	HNHFA05	HNHFA11	HNHFA35	HNHFA59	HNHFB09

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	15 - 288	15 - 429	15 - 446	15 - 422	15 - 407	15 - 390	15 - 508	15 - 536	15 - 394	15 - 362	15 - 390	15 - 340	15 - 384	15 - 359	15 - 82	15 - 418	15 - 343	15 - 699											
	1 - 274	1 - 415	1 - 432	1 - 408	1 - 393	1 - 376	1 - 494	1 - 522	1 - 380	1 - 348	1 - 376	1 - 326	1 - 370	1 - 345	1 - 68	1 - 404	1 - 329	1 - 685				-		- "-					
	668713	276865	9009£8	575740	728265	860027	283660	576438	577185	576385	576435	577240	962925	506354	953585	576431	577244	860229			-	•	<del></del>	-					
	5034	5035	5036	5037	5038	5039	5040	5041	5042	5043	5044	5045	5046	5047	5048	5049	2050	5051											
	HNHFB19	HNHFB27	HNHFB32	HNHFB39	HNHFB53	HNHFC34	HNHFC43	HNHFC60	HNHFC61	HNHFC67	HNHFC78	HNHFC92	HNHFD46	HNHFD88	HNHFE07	HIY:HFE40	HNHFE69	HNHFF08											

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	1 - 326	1 - 268	1 - 434	1 - 386	1-316	1 - 393	
	625613	576412	576432	953569	967255	658459	
	5052	5053	5054	5055	5056	5057	
	HNHFF21	HNHFF29	HNHFF56	HNHFG07	HNHFG11	HNHFG37	

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15 - 590	15 - 257	15 - 400	15 - 142	15 - 357	15 - 448	15 - 453	15 - 458	15 - 403	15 - 454											15 - 308	15 - 400	15 - 304	15 - 360	15 - 412	15 - 230	15 - 330	15 - 365	15 - 638	15 - 313	15 - 454	15 - 352	15 - 163
1 - 576	1 - 243	1 - 386	1 - 128	1 - 343	1 - 434	1 - 439	1 - 444	1 - 389	1 - 440											1 - 294	1 - 386	1 - 290	I - 346	1 - 398	l - 216	1 - 316	1 - 351	1 - 624	- 299	1 - 440	- 338	- 149
575785	575784	773610	575747	575751	577328	720757	699523	576386	970770											664588 1	576428 1	916787	577331   1	691083 1	727258 1	761672 1	576408 1	707311 1	860013 1	964849 1	916773 1	418108 1
5059	5060			5063	5064	5065	9905	2067	8905			<del></del>								6905	5070	5071	5072	5073	5074	5075	9205	2077	5078	5079	_	5081
HNHFH21	HNHFH56	HNHFH78	HNHF169	HNHF188	HNHF195	HNHFJ45	HNHFJ67	HNHFK37	HNHFK77											HNHFL48	HNHFL82	HNHFM01	HNHFM32	HNHFN30	HNHFN52	HNHFN95	HNHFO45	HNHFO48	HNHFP09	HNHFP10	HNHFQ01	HNHFQ19

HNHFQ30 5082 692807 1-272 15-286 HNHFQ75 5083 766595 1-343 15-357 HNHFQ88 5084 576398 1-436 15-450 AI420786, HNHFRQ2 5085 576400 1-139 15-153 HNHFRQ2 5087 964716 1-430 15-444 AC006837 AC006489 AC006747 HNHFRG0 5089 751787 1-338 15-352 HNHFRG0 5090 924610 1-511 15-525 HNHFRG0 5091 734798 1-416 15-430 AC002747 HNHFRG1 5092 625726 1-433 15-449 AW084967 HNHFU445 5094 920844 1-435 15-449 AW084967 HNHFU67 5095 860002 1-435 15-449 AW084967 AR0640684, AC0060684, AC0			AI420786, and AC005592.			AA640685, AA804925, AI289850, F29541, AA601195, AI471691, AA728937, AL133448, AC005722, AC004895, AC005529, AC005488, AF165926, AF109907, Z83822, AC005015, AC004882, AF207550, AC006288, AF053356, AC006071, AP000689, AB003151, AC002994, AC007688, AC006953, AL109798, AC005412, AC006946, AL031311, AL096791, AC005837, Z95331, AC007263, AC004967, AC005089, AL031666, Z93017, AL135783, AC006449, AC006777, AL022328, AP000049, AP000116, Z95116, AC000353, AP000311, AC006538, Z83844, AC007216, AL035684, AC002369, AC006120, AC004905, AC006023, AF064861, AC002302, AC003043, AL078638, AL008718, AP0000557, AD000091, AC005280, AC007546, AL021707, AL133246, AL035072, AC005343, AC007546, AL023775, AL135960, AL131016, Z98946, AC005667, AC004153, AC007852, AC007851, AP000352, AC007857, AL135960, AL132777, AC005231, AC002996, AL021397, AP000352, AC005736, AL096701, AL022476, AC005180, AC004821, AC00481, U82668, AC004228, AC005522, AC004859, Z84474, AC006430, AC004821, AC003950, AL031595, AC004985, U47924, U95742, AC00386, AC003670, AL031065, AL031595, AC004985, L41924, U35142, L41924, L4192	occording and the Tools.							AW304536, AI356440, AA102737, H29914, AA715173, AA715075, AA904211, R93919, AA314891, AW008169, AI433104, AA302661, AA541532, AI281561, AA338238, AI133514,	AASOO2V4, AAS70/44, AA48SOOO, AIS71S38, AI249683, ALI38329, AA338237, H68360, AI491765, AI189682, AA630854, AASO6530, AA664604, AI355346, AW033111, AI336771	AW084967, AA493947, AL041375, H38769, AA491767, AA515939, AA714110, AA846923,	H84412, AA626829, AI792529, AI054193, T90477, AA632765, AI609972, AA161492, AA857812, AA779919, AA403808, AI538236, AA05798, ACCORAGO, AI 026444	AJ012008, AC005088, Z83844, Z95115, AC002351, U91321, AC005696, AC005529, AL049710, AC004084, AC004796, AF172277, AL133312, AC004084, AC004589, AC004796, AF172277, AL133312, AC004084, AC004084, AC004796, AF172277, AF1733312, AC004084, AC004508, AF040550, AF040569, A
5082       692807       1-272         5083       766595       1-343         5084       576398       1-436         5085       576400       1-139         5086       860003       1-303         5087       964716       1-430         5088       577330       1-322         5089       757730       1-338         5090       924610       1-511         5091       734798       1-416         5092       625726       1-433         5094       920844       1-432         5095       860002       1-435         1-435       1-435	-		AI42			AC0 AC0 AC0 AC0 AC0 AC0 AC0 AC0 AC0 AC0	i			AC00	AC00		AL10	AW3 AA31	AI49	AW0	H844   AA85	AJ012 AC00
5082 692807 1- 5083 766595 1- 5084 576400 1- 5086 860003 1- 5087 964716 1- 5089 757730 1- 5089 757737 1- 5090 924610 1- 5091 734798 1- 5092 625726 1- 5094 920844 1- 5095 860002 1-	15 - 286	15 - 357	15 - 450	15 - 153	15-317	15 - 444	15 - 336	15 - 352	15 - 525	15 - 430	15 - 447	15 - 312	15 - 446	15 - 449				
5082 5083 5084 5085 5086 5086 5087 5088 5092 5093 5093 5093 5093	1 - 272	1 - 343	1 - 436	1 - 139	1 - 303	1 - 430	1 - 322	1 - 338	1-511	1 - 416	1 - 433	1 - 298	1 - 432	1 - 435			~	,,
5082 5083 5084 5085 5086 5086 5089 5090 5092 5093 5095	692807	766595	576398	576400	860003	964716	577330	751787	924610	734798	625726	707335	920844	860002				
	5082	5083	5084	5085	5086	5087	╁	├	-	-	-	_	$\vdash$			_		
	HNHFQ30	HNHFQ75	HNHFQ88	HNHFQ92	HNHFR12	HNHFR22	$\vdash$	<del>  -</del>					-					

5100         925820         1 - 334         15 - 348           5101         757281         1 - 317         15 - 331           5102         959476         1 - 406         15 - 420	AL022476, AC006312, AL049712, AC005089, AF047825, AC007308, AC005763, AP000501, AC006948, AC002470, AL049856, AC007637, AP000248, AC007537, AC005527,	AC004884, AF196071, Z88743, AC007708, AL031311, Z95331, AC004983, Z93023, AL049697, AC007011, AC004098, Z98941, AC002425, AC004019, AC002001, AC002000, AC002240, AC002405, AL012181, AC002375, AL049766, AL021184, AL049591, AC002309, AC002200, AC002401, AL049836, AC007237, AC002376, AL03188, AC005924, AL031883, AC00594, AC00594, AC005942, AC005891, AC005891, AC005941, AC005341, AL12463, AC005373, AC004962, AC007237, AC005491, AC005491, AC005492, AC005492	15 - 374 15 - 401 15 - 528 15 - 528 15 - 348 15 - 348 15 - 348	1 - 360 1 - 387 1 - 514 1 - 514 1 - 334 1 - 317 1 - 406	952376 576390 724417 860000 925820 757281 959476	5096 5099 5100 5102	HNHFV16 HNHFV25 HNHFV56 HNHFV66 HNHFV68 HNHFV68 HNHFV68 HNHFV68
5100   925820   1 - 334   15 - 348	5096     952376     1 - 360     15 - 374       5097     576390     1 - 387     15 - 401       5098     724417     1 - 514     15 - 528	AA045668, T51787, and AI752482.	15 - 364 15 - 348	1 - 350	860000 925820	5099 5100	HNHFV66 HNHFV68
5099 860000 1 - 350 15 - 364	5096     952376     1-360     15-374       5097     576390     1-387     15-401		15 - 528	1 - 514	724417	5098	.V56
5098         724417         1 - 514         15 - 528           5099         860000         1 - 350         15 - 364	5096 952376 1-360 15-374		15 - 401	1 - 387	576390	5097	:V52
5097     576390     1 - 387     15 - 401       5098     724417     1 - 514     15 - 528       5099     860000     1 - 350     15 - 364		AL022319.	15 - 374	1 - 360	952376	9609	.V16
5096     952376     1 - 360     15 - 374       5097     576390     1 - 387     15 - 401       5098     724417     1 - 514     15 - 528       5099     860000     1 - 350     15 - 364	AC005948, AC006312, AL049712, AC005089, AF047825, AC007508, AC005763, AP000501, AC006994, AC006974, AC006974, AC006974, AC006974, AC006974, AC006974, AC007974, AC006974, AC007974, AC0079701, AC006795, AC007701, AC006797, AC007701, AC006797, AC007701, AC006797, AC007701, AC006797, AC007701, AC006797, AC007701, AC006797, AC007701, AC006707, AC007701, AC006707, AC007701, AC006707, AC007701, AC006707, AC007701, AC006707, AC007701, AC006707, AC007701, AC007	AC005316, AC005399, AC005244, AF042089, AL035400, Z84469, AC004816, AC007199, AL022577, AC007934, AC007421, and AL096701.					
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5096     952376     1 - 360     15 - 374       5097     576390     1 - 387     15 - 401       5098     724417     1 - 514     15 - 528       5099     860000     1 - 350     15 - 364	AL002476, AC006312, AL049712, AC005089, AF047825, AC007308, AC005731, AC0050501, AC0060488, AC007011, AC0040886, AC0070247, AC007011, AC0040987, AC007011, AC004098, AC007011, AC004098, AC007011, AC004098, AC007013, AC007011, AC004098, AC007013, AC007011, AC0040024, AC007011, AC004098, AC007013, AC007011, AC0040024, AC007013, AC000024, AC007011, AC0040024, AC000030, AL031281, AC000374, AL049766, AL021154, AL034423, AC005294, AC005204, AC002375, AC00294, Z92241, AL022336, Z97053, AL122020, AL03188, AC005056, AC007137, AC002994, Z92241, AL022336, AC005502, AC005502, AC005861, AC005904, AC005502, AC005804, AC005904, AC005904, AC005904, AC005904, AC005904, AC005904, AC005904, AC005904, AC005904, AC005804, AC005804, AC005904, AC005904, AC005904, AC005904, AC005904, AC005904, AC005804, AC005904, AL09776, AC005904, AL09776, AC007304, AC005904, AL097540, AC005904, AL097540, AC005904, AL097540, AC005904, AC005604, AC005604	AC002045, AL121603, Z82188, AL035249, AC002288, AC006449, AL080317, AL035420.					
5096     952376     1 - 360     15 - 374       5097     576390     1 - 387     15 - 401       5098     724417     1 - 514     15 - 528       5099     860000     1 - 350     15 - 364	AL022476, AC006480, AC0065089, AF047825, AC007308, AC005763, AP000501, AC006948, AC006740, AL049856, AC007637, AP000248, AC006751, AC006527, AC0068484, AF196971, S28841, AC007408, AL031311, AC004983, Z93023, AL049697, AC0077011, AC004098, Z88941, AC007410, AP000303, AL049766, AL031003, AP000104, AL049591, AC002420, AC00419, AP000303, AL049766, AL031154, AL049591, AC002420, AC007114, AL049836, AC007237, AC002994, Z93241, AL021336, Z97053, AL122020, AL031848, AC005695, AL031681, AC005294, Z93241, AL022336, AP000510, AL031803, AC004819, AC005704, AL031527, AC005905, AL03163, AC005904, Z93241, AL022336, AC005904, AC005502, AL031684, AC005904, AC005502, AC006241, AC005200, AL031684, AL03568, AC007225, AL022396, AC006965, AP000692, Y18000, AC004491, AC00533, AF067844, AB023049, AC006323, AC0062280, AC005789, Z95114, AF126403, AC007225, AL023396, AC006323, AC006528, AC005381, AL031688, AC005331, AL031684, AC005382, AC005317, AL031427, AC004491, AR033049, AC006528, AC006541, AC005382, AC009191, AC002304, AC009518, AC005380, AC006588, AC005380, AC005380, AC006588, AC005380, AC009518, AC005380, AC005380, AC005380, AC005380, AC005380, AC0053819, AC005380, AC005380, AC005381, AC0020722, AC005119, AC0020722, AC006115, AC002072, AC005119, AC002072, AC006115, AC002072, AC006112, AC002072, AC0020722,	AL021393, AJ246003, AC004963, AL031431, AC000353, AL031906, AC004812, AC005670,				<u> </u>	
5096       952376       1 - 360       15 - 374         5097       576390       1 - 387       15 - 401         5098       724417       1 - 514       15 - 528         5099       860000       1 - 350       15 - 364	AL022476, AC006312, AL049712, AC005089, AF047825, AC007308, AC005763, AP000501, AC006488, AC006488, AC002470, AL049856, AC007637, AP000248, AC005737, AC005793, AC005527, AC004884, AF196971, 289743, AC007401, AC004081, AF196971, 289743, AC004019, AP000248, AC007537, AC006393, AL049697, AC007011, AC004088, Z98941, AC002425, AC004019, AP000303, AL031003, AP00104, AL049591, AC002300, AC000025, AL03465, AL031381, AC002375, AL049766, AL021154, AL03423, AC00593, AC007114, AL049836, AC007237, AC00294, Z93241, AL022336, Z97053, AL122020, AL031848, AC005695, AL031685, AC004819, AC005670, AL033527, AP000510, AL0335413, AC005895, AL031685, AC004819, AC005670, AL033527, AC005920, AL035632, Z84487, AC007298, AL035071, AC003049, AC005656, AP000692, Y18000, AC004991, AC006141, AC006141, AC006213, AC004962, AL049638, AL049839, AC005789, Z95114, AF126403, AC004902, AC007774, AC000052, AC006441, AC005789, Z95144, AL121658, AC002070, AL031729, AC006339, AC005789, AP000610, AC0057817, AC004962, AC007374, AC000052, AC005896, AC005789, AC0053317, AL121658, AC002070, AL031729, AC005839, Z83846, AC005332, AC002119, AC006111, AC006111	AC002565, Z98884, AL008582, AL035462, AL031777, AF207550, Z98044, AL031228,					
5096       952376       1 - 360       15 - 374         5097       576390       1 - 387       15 - 401         5098       724417       1 - 514       15 - 528         5099       860000       1 - 350       15 - 364	AL022476, AC006312, AL049712, AC005089, AF047825, AC007308, AC005763, AP000501, AC006948, AC002470, AL049856, AC007637, AP000248, AC005737, AC005793, AC005527, AC004884, AF196971, Z98743, AC007708, AL031311, Z95331, AC004983, Z93023, AL049697, AC007011, AC004098, Z98941, AC002425, AC004019, AP000030, AL031003, AP000104, AL049591, AC002300, AC0000245, AL031281, AC002394, Z93721, AL022134, AL049591, AC002300, AC00114, AL049836, AC007237, AC002304, AC005592, AC007114, AL049836, AC007237, AC005994, Z93241, AL022336, Z97053, AL122020, AL031848, AC005695, AL031689, AC005504, AL033527, AP000510, AL033613, AC005841, AL117694, AC0052304, AC0056241, AC005506, AL0360343, AC005080, AC006505, AC006965, AP000692, Y18000, AC004491, AC006141, AC002233, AL049636, AL049639, AC006530, AC0065280, AC006789, Z95114, AF126403, AC002333, AL049636, AL049639, AC0065280, AC0065789, Z95114, AF126403, AC002333, AL049636, AL049639, AC005506, AC006516, AC005516, AC005614, AL121658, AC002070, AL031729, AC005839, Z83846, AC003982, AP000010, AP000504, AF088219, AC004910, AL031729, AC005839, Z83846,	AC005632, AC002119, AC002072, AC007344, U95740, AC003662, AC002350, AC004686, AF196779, AC005803, AL035080, AL036786, AC005803, AL035080, AL035080					
5096       952376       1 - 360       15 - 374         5097       576390       1 - 387       15 - 401         5098       724417       1 - 514       15 - 528         5099       860000       1 - 350       15 - 364	AL022476, AC006312, AL049712, AC005089, AF047825, AC007308, AC005763, AP000501, AC006948, AC002470, AL049856, AC007637, AP000248, AC005793, AC005527, AC004884, AF196971, Z98743, AC007708, AL031311, Z95331, AC004983, Z93023, AL049697, AC0077011, AC0024098, Z98941, AC002425, AC004019, AP000030, AL031003, AP000104, AL049591, AC002500, AC000025, AL035405, AL031281, AC002375, AL049766, AL021154, AL03423, AC005592, AC007114, AL049836, AC007237, AC002994, Z93241, AL022336, Z97053, AL122020, AL031848, AC005695, AL031685, AC004819, AC005562, AC006241, AC005503, AL035413, AC005841, AL17694, AC005086, AP000194, AC005562, AC006241, AC005920, AL035686, AC004382, AC007298, AL035011, AC003043, AC004488, Z82179, AL031680, AL035086, AC004382, AC004799, Z97056, AL049839, AC005330, AL02163, AC005789, Z95114, AF126403, AC004799, Z97056, AL049839, AC005330, AL022163, AC005789, Z95114, AF126403, AC000479, AC000052, AC006441, AC000541, AL049839, AC005330, AL0316641, AC0005416, AC000541, AL049839, AC005317, AL049839, AC0055183, AC005411, AL19658, AC0004962, AC000531, AC000541, AL19658, AC000541, AL19658, AC0004962, AC000532, AC006441, AC000541, AL19658, AC000541, AC000551, AC000551, AC000541, AL19658, AC000541, AC000551, AC000541, AL19658, AC000541, AL19658, AC000541, AC000541, AL19658, AC000541, AL19658, AC000541, AC000541, AL19658, AC000541, AC000541, AL19658, AC000541, AC000541, AL19658, AC000541, AL19658, AC000541, AL19658, AC000541, AL19658, AC000541, AL19658, AC000541, AC000541, AL19658, AC000541, AL19658, AC000541, AL19658, AC000541, AL19658, AC000541, AC00054	AC003982, AP000010, AP000504, AF088219, AC004910, AL031729, AC005839, Z83846,		New			
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5096       952376       1 - 360       15 - 374         5097       576390       1 - 387       15 - 401         5098       724417       1 - 514       15 - 528         5099       860000       1 - 350       15 - 364	AL022476, AC006312, AL049712, AC005089, AF047825, AC007537, AC005763, AP000501, AC006948, AC002470, AL049856, AC007637, AP000248, AC005527, AC004884, AF196971, Z98743, AC007708, AL031311, Z95331, AC004983, Z93023, AL049697, AC007011, AC004098, Z98941, AC002425, AC004019, AP000030, AL031003, AP000104, AL049591, AC002300, AC000025, AL035405, AL031281, AC002375, AL049766, AL021154, AL049836, AC007137, AC002394, Z93241, AL022336, Z97053, AL122020, AL031848, AC005695, AL031685, AC005094, AC005562, AC006241, AC005920, AL035652, Z84487, AC007298, AL035071, AC003043, AC005562, AC006241, AC0050943, AC003043, AC00504448, Z82179,	AL031680, AL035086, AC004382, AC003010, AC007225, AL022396, AC006965, AP000692, V18000 AC004401 AC006141 AC006533 AE067844 AD032440 AC006333 AE067844					
5096       952376       1 - 360       15 - 374         5097       576390       1 - 387       15 - 401         5098       724417       1 - 514       15 - 528         5099       860000       1 - 350       15 - 364	AL022476, AC006312, AL049712, AC005089, AF047825, AC005763, AP000501, AC006948, AC002470, AL049856, AC007637, AP000248, AC007537, AC005527, AC004884, AF196971, Z98743, AC007708, AL031311, Z95331, AC004983, Z93023, AL049697, AC007011, AC004098, Z98941, AC002425, AC004019, AP000030, AL031003, AP000104, AL049591, AC002300, AC00025, AL035405, AL031281, AC002394, Z93241, AL022336, Z97053, AL122020, AL031848, AC005695, AL031685, AC006994, Z93241, AL022336, AP0000510, AL034433, AC005891, AC005891, AC005080, AL031885, AC005070, AL0333527, AC005070, AL035413, AC005891, AL17694, AC005080, AP000194, AC0065621	AC005920, AL035652, Z84487, AC007298, AL035071, AC003043, AC004448, Z82179,		75-1			
5096       952376       1 - 360       15 - 374         5097       576390       1 - 387       15 - 401         5098       724417       1 - 514       15 - 528         5099       860000       1 - 350       15 - 364	AL022476, AC006312, AL049712, AC005089, AF047825, AC0057308, AC005501, AC006948, AC002470, AL049856, AC007637, AP000248, AC005527, AC004884, AF196971, Z98743, AC007708, AL031311, Z95331, AC004983, Z93023, AL049697, AC007011, AC004098, Z98941, AC002425, AC004019, AP000030, AL031003, AP000104, AL049591, AC002300, AC000025, AL031281, AC002375, AL049766, AL021154, AL049836, AC007237, AC002594, Z93241, AL021336, AC002336, AC002	Z27025, AL122020, AL031848, AC002695, AL031685, AC004819, AC005070, AL033527,   AP000510, AL035413, AC005841, AL117694 AC005086 AP000194 AC005562 AC006241					
5096       952376       1 - 360       15 - 374         5097       576390       1 - 387       15 - 401         5098       724417       1 - 514       15 - 528         5099       860000       1 - 350       15 - 364	AL022476, AC006312, AL049712, AC005089, AF047825, AC005763, AP000501, AC006948, AC002470, AL049856, AC007637, AP000248, AC005527, AC004884, AF196971, Z98743, AC007708, AL031311, Z95331, AC004983, Z93023, AL049697, AC007011, AC004098, Z98941, AC002425, AC004019, AP000030, AL031003, AP000104, AL049591, AC002300, AC00025, AL035405, AL049591, AC02370, AC002375, AL049766, AL021154,	AL034423, AC005592, AC007114, AL049836, AC007237, AC002994, Z93241, AL022336,					
5096       952376       1-360       15-374         5097       576390       1-387       15-401         5098       724417       1-514       15-528         5099       860000       1-350       15-364	AL022476, AC006312, AL049712, AC005089, AF047825, AC007308, AC005763, AP000501, AC006948, AC002470, AL049856, AC007637, AP000248, AC005527, AC004884, AF196971, Z98743, AC007708, AL031311, Z95331, AC004983, Z93023, AL049697, AC007011, AC007011, AC004098, Z98941, AC002425, AC004019, AP000030, AL031003, AP000104	AL049591, AC002300, AC000025, AL035405, AL031281, AC002375, AL049766, AL021154,					
5096       952376       1 - 360       15 - 374         5097       576390       1 - 387       15 - 401         5098       724417       1 - 514       15 - 528         5099       860000       1 - 350       15 - 364	AL022476, AC006312, AL049712, AC005089, AF047825, AC0057308, AC005501, AC006948, AC005470, AL049856, AC007637, AP000248, AC0057537, AC005527, AC004884, AF196971, 798743, AC007708, AL031311, 795331, AC004082, 797323, AC004082,	AC007011, AC004098, Z98941, AC002425, AC004019, AP000030, AL031003 AP000104					
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5096     952376     1-360     15-374       5097     576390     1-387     15-401       5098     724417     1-514     15-58       5099     860000     1-350     15-364		AL022476, AC006312, AL049712, AC005089, AF047825, AC007308, AC005763, AP000501, AC006948 AC002470, AL040856, AC007637, Apon 248, AC006948, AC007470, AL040856, AC007637, Apon 248, AC007637, AC007			-		

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HNHFW29	5103	663912	1 - 410	15 - 424	TOTAL
HNHFX22	5104	674638	1 - 189	15 - 203	
HNHFX35	5105	959899	1 - 344	15 - 358	AC005519.
HNHFX56	5106	716628	1 - 402	15-416	
HNHFX68	5107	753045	1 - 96	15 - 110	AC004468.
HNHFX70	5108	756459	1 - 381	15 - 395	254072.
HNHFX89	5109	712347	1 - 413	15 - 427	

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15 - 422	15 - 377	15 - 447	15 - 203	15 - 373								15 - 339																	-						
1 - 408	1 - 363	1 - 433	1 - 189	1 - 359				•				1 - 325															,	•							
670946	734764	967093	702461	719073								781205   1				•		-		***							···-					•			
5110	5111	5112	5113	5114								5115		****												-									
HNHFY21	HNHFY95	HNHGA24	HNHGA33	HNHGA46				•				HNHGB83																							

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	15 - 420	15 - 358	15 - 324	15 - 273	15 - 655	15 - 426	15 - 439	15 - 355
	1 - 406	1 - 344	1 - 310	1 - 259	1 - 641	1 - 412	1 - 425	1 - 341
	784362	927065	707337	711654	733745	953416	920149	667930
	5116	5117	5118	5119	5120	5121	5122	5123
·	HNHGB96	HNHGC13	HNHGC35	HNHGC41	HNHGC62	HNHGD07	HNHGD14	HNHGD50

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	1 - 359	1-315	1 - 303	1 - 419	1 - 399	1 - 520	1 - 372	1 - 411	1 - 356	
	683432	715304	746605	835984	670956	708708	859852	705128	761811	
	5128	5129	5130	5131	5132	5133	5134	5135	5136	
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	15 - 406	15 - 432	15 - 406	15 - 267	15 - 260
	1 - 392	1 - 418	1 - 392	1 - 253	1 - 246
	730957	750389	935530	764446	746607
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5153	45.1 C
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1 - 425	1 - 423	1 - 405	1 - 305	1 - 419	1 - 364	1 - 307	1 - 281	1 - 301	1 - 306	1 - 249	1 - 384	1 - 349	1 - 419	1 - 361	1 - 421																				
781197	707338	741837	751663	779893	953408	630223	745100	774041	916546	698502	698490	496204	859946	745095	775205			•				-													
5228	5229	5230	5231	5232	5233	5234	5235	5236	5237		5239	5240	5241	5242	5243				•												-				1
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	HNHHF96 52	HNHHG47   52	HNHHG50 52	HNHHG65 52	HNHHH13 52	HNHHH42 52	ниннн57 52 1	HNHHII0 52	HNHHI28 52	HNHHI34 52	HNHHI36 52

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	15 - 334	15 - 161	15 - 304	15 - 542	15 - 259	15 - 333	15 - 466	15 - 361																					
:	1 - 320	1 - 147	1 - 290	1 - 528	1 - 245	1 - 319	1 - 452	1 - 347																					
	299902	708715	727166	694373	757202	880776	920129	953393						<u>.</u>				<del>-</del>											
	2225	5273	5274	5275	5276	5277	2278	5279								-													
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	15 - 351	15 - 347	15 - 118	15 - 326	15-359	15 - 353	15 - 345																								
	1 - 337	1 - 333	1 - 104	1 - 312	1 - 345	1 - 339	1 - 331																								
	964657	189899	698035	745700	659152	953398	424836	_																				•			
	5280	5281	5282	5283	5284	5285	5286																								1
	HNHHN11	HNHHN19	HNHHN31	HNHHN62	HNHHN93	HNHHO08	HNHH015																								

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	1 - 340	1 - 325	1-311	1 - 329	1 - 300	1 - 343
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	5287	5288	5289	5290	5291	5292
	нинно49	990HHNH	HNHHO79	HNHHP02	HNHHP04	HNHHP16

		AL022396.		AA553367, AW452948, AA828734, and AI912090.	AA586573, AC005036, AL021026, AC003951, AL034551, Z83820, AC002463, Z68325, AC004062, AC004949, and AP000082.	AI541356, R29657, AA585098, T18597, AA585325, R45895, Z32822, AA585101, D53161,	R28735, R29445, D57491, C15406, A1557740, Z28355, D59751, AA585155, A1557262, A1557864,	K28894, D01183, Z32881, C15069, A1526140, A1541365, A1525500, AA170832, AA585439, R28965, D59436, AA585378, AA585329, R29218, D60844, A1576184, A1576078, A1557731	AA585476, D60765, D54897, R28967, R28895, AI557727, AI541205, AI541535, AI546971,	C16315, AI525556, AI525316, AI541383, AA283326, AI541517, AI547250, AI546875, AI557763,	D61254, AI557734, D53472, AI546999, AI526016, AI557787, C16293, AI541013, AI547039,	AI557807, D55233, AI525306, D53447, C16300, AI541374, C16294, C15120, AI557084, D52835,	AA383330, AI324949, AI341346, C16292, AI357718, AI346945, AI525431, AI557155, AIS47196,	C13/02, A133/408, A1326191, A135//38, C16303, A1341523, Z30131, R29179, A1525339,	ALS41034, ALS20134, CLS757, ALS57809, ALS46921, ALS41307, ALS46996, ALS40967, ALS46891, ALS47006 ALS40907 ALS46091, ALS47006 ALS40003 ALS47602 ALS40004 DEGREE ALS47006 ALS4700 ALS40004 DEGREE ALS47006 ALS4700 ALS40004 DEGREE ALS47006 ALS4700 ALS470074 DEGREE ALS47006 ALS4700 ALS470074 DEGREE ALS47006 ALS4700 ALS470074 DEGREE ALS47006 ALS47000 ALS470074 DEGREE ALS47006 ALS47000 ALS470074 DEGREE ALS47006 ALS470074 DEGREE ALS47006 ALS47006 ALS47006 ALS47006 ALS470074 DEGREE ALS47006 ALS470074 DEGREE ALS47006 ALS470074 DEGREE ALS47006 ALS470074 DEGREE ALS470074 ALS470074 DEGREE ALS47006 ALS470074 DEGREE ALS470074 ALS470074 DEGREE ALS47006 ALS47006 ALS470074 DEGREE ALS470074 ALS4700	AIS25320, AIS57279, AIS47202, AIS26176, D57186, AI541321, A A 585453, A 256024, P. 200762	AIS57808, AIS26112, R29172, AIS26158, D51433, C14208, AIS41527, AIS35639, AIS35600.	AI536138, D54850, AA585430, AI546829, AI557533, AI526113, AI541510, C16290, AI525856,	AI557039, AI526195, D59458, AI556967, T19407, AI547137, AI526073, AI526180, AI557264,	AI546831, T41289, Z36724, AI541422, AI525656, AI526117, AA174170, AI525332, AI526187,	A1541400 A1541401 A4541611 A15415115, A1541189, A1543435, A1540520, 141329,	ALS41494, ALS24904, ALS24890, ALS3/199, ALS24891, ALS46855, ALS41027, ALS41345, AT\$57041 AT\$5738 C14332 AT\$5385 AT\$46838 AT\$41504 AT\$41415 AT\$5705 AT\$5405	A1526205, A1557786, C14322, A1537652, A1546828, A1541506, A1541415, A1557082, AA585434, A1526205, A1557786, C14391, A1541402, A1555114, AA586440, A1546001, A1557317, A1557385	C14723, A1525168, A1526146, AC005913, AR038762, AR038855, AR062871, A25909, V19813	X82786, Z32836, AR054723, AL021395, X81969, AJ244005, Y16359, AF082186, D78345.	D50010, D13509, AJ244004, A20702, AR062872, AR062873, A20700, A43189, A43188,	AR017907, AJ244003, AC002563, X55486, X76012, AC007308, AC002470, AL031293,	and in Coursely.		AC000093.	AI274692, T40452, F33126, AA076426, N25415, AA321595, AA975915, AI273675, AI268564,
15 - 355	15 - 348	15 - 325	15 - 413	15 - 685	15 - 422	15 - 314																						15-373	15 - 406	15 - 432	15 - 194
1 - 341	1 - 334	1 - 311	1 - 399	1 - 671	1 - 408	1 - 300																						1 - 359	1 - 392	1 - 418	1 - 180
935502	720358	741830	775194	956186	765584	788913																						775192	707342	465438	783033
5293	5294	5295	5296	5297	5298	5299	~		•	,	1,000	•	-														, .	5300	5301	5302	5303
HNHHR04	HNHHR46	HNHHR61	HNHHR93	HNHHS46	HNHHS74	HNHHS76	-																					HNHHS79	HNHHT35	HNHHT55	HNHHT70

AW276933, AI138918, AA741020, AI371804, AI812021, AA640204, AI343078, AW341882, T76991, H13565, AF109907, AL034423, AC004491, AF038458, AC005668, AL033527, AC005740, AC004552, AC005822, AC005491, AF038458, AC005668, AL033527, AC005740, AC006522, AC005828, AC005786, AL109733, AF088219, AC004531, AC003959, AL035089, AL009181, AC006343, AC005082, AC005291, AP000696, AL135744, AC006996, AC007312, AC006059, AL121603, AL023799, AC005291, AP000698, AC002070, AC006996, AC007312, AC003098, Z94721, AF003626, AC004858, AP000688, AC005539, AL035695, AC005971, AP000031, AC004916, AE000658, AL109865, AC004217, Z98946, AC01311, AL035400, AC00371, AC004885, AL049883, AP000344, Z94056, AC005499, AL109963, AL021408, AL13245, AC004870, AC005994, AL035555, AL031657, AC005412, AL031650, Z98304, AC018769, AC004870, AC005994, AL035555, AL031657, AC006441, AL023807, AL023281, Z86062, AC005670, AC005158, AC004813, AL117694, AC007878, AL049696, AC004003, AC003950, AP000516, Z98752, AC004813, AL117694, AC004583, AC004801, AL049776, AC002365, AC004522, AL049843, and Z93241.	AI950671, AA586656, F03525, AA829565, AI611739, AC005837, AC006285, AL121595, AL050317, AC002257, AC006088, AC005488, AC005318, AC002996, AC004942, AC005841, AF165926, AC005209, AC016025, AC005368, AC007151, AC005971, Z83840, AC005914, AC002477, AF205588, AL133382, AL049766, AP000347, AL121652, AF053356, AC006011, Z82244, AL008721, AL022345, AL049776, AL133163, AL133245, AL050318, Z99716, AL049712, AC003109, Z97053, AC006468, AC008372, AC004821, AC004408, AC005924, AL049829, AC004601, AL049759, AC006449, AC005933, AL023807, AC004966, AC005902, AC004019, AC002352, AC016026, Z83826, AC005482, AC004526, AL034379, AL031283, AC005529, and Z95114.	298885.	AA824650, AA663908, AI302974, W89152, AW338697, AL035400, AC005912, M63543, M63544, AC007227, AC004841, AC004263, AC007327, AL023807, AC007993, AC006430, AC005764, AF141309, and AC004408.		AL119119, C06015, T11417, D59503, D81111, D80064, C14227, D58246, C14389, D80195, AW360811, D59502, AW177440, D51799, D80164, AW178893, C15076, D81026, D80258, AW375405, D59467, C14407, D59275, D58283, D58101, D80227, D80022, D81030, D80166, D59859, C14331, D80193, D59619, D80210, D80391, D80240, D80045, D51423, D59787, D80038, AA305578, D80253, D80043, D80212, D80196, AW366296, D80188, AW360844,
	15 - 360	15 - 421	15 - 242	15 - 159	15 - 336
	1 - 346	1 - 407	1 - 228	1 - 145	1 - 482
	465395	859935	739288	742071	920094
	5304	5305	5307	5308	5310
	нинни46	HNHHW01	HNHHW58	HNHHW61	HNHIA02

AW360817, D80219, D57483, D59610, D59927, AA514184, D80378, AA514188, D59889, D80024, D80302, AI557774, D80499, AW177501, D80269, AW177511, C14298, D80247, D50979, D80522, AA305409, D80251, D80168, D80241, D80104, AI557771, D80268, D80366, D51022, C14429, D80248, D50955, C14014, D55695, D51060, F13647, AW360841, D51103, D51022, C14429, D80248, D50955, C14014, D55695, D51060, F13647, AW360841, D51103, D80133, AA514186, D80157, AW17928, AW372117, D52291, D59653, AW360814, D51103, D80133, AA514186, D80157, AW17928, AW372117, D52291, D59653, AW376012, AW173539, D80949, AW179023, AW178055, D51079, H67866, T03269, AI525923, AW377671, H67854, AW378533, C05695, C75259, AW378532, AW369651, AW377811, AW178907, D59317, AW378533, C05695, C75259, AW378532, AW36906, D511250, AW378528, AW177601, AW177456, C14973, AW378528, AW178019, C14344, D51221, AW177819, AW377813, AW378908, C14974, AW178751, D60010, D60214, AW1779014, AW177456, C14973, AW378528, AW178019, C14344, D51221, AW179012, AW378525, AW378215, AW37896, D59474, AZ1582, AW177614, AW177818, AW178986, D59474, AZ1582, AW177647, AW178986, AW178914, AW178744, AW178918, AW178914, AW178914, AW178744, AW178918, AW178914, AW178914, AW178914, AW178914, AW178914, AW178918, AW177728, C04682, D51053, AM177121, AG3201, AG3209, AG2298, AB00249, AR00249, AR008288, AR908295, AR008297, AR90899, AR8062872, AR90899, AR8062872, AR90899, AR806488, AR8082872, AR90889, AR808281, AR80831, AR80831, AR80831, AR80831, AR80831, AR80831, AR80831, AR80831, A		AA601673, AW088224, AI453383, AC007406, AL079340, AC020663, AC007707, Z95114, AC007934, AC005667, AP000557, AP000359, AP000692, AC003689, AP000326, AC004003, AC005071, L47234, AP000169, AP000164, AP000172, and AI 137712	AF110326, and AC004559,	AL078614, and AL109748.	A1355414, AA228442, AW192599, A1569100, A1754567, A1038304, A1249688, A1285696, AA605056, A1580707, A1570943, AA262752, AA779783, AA904211, AA297208, A1077941, A1755214, T03576, AA601218, A1049701, AA828834, AA838091, AW131356, AA689351, AA127222, A1039257, AA508036, AA525293, AW070532, AA343523, AA569402, AA569407, AA569404, AW181510, AM1969707, AM1
	15 - 425	15 - 422	15 - 206	15 - 392	15 - 451
	1-411	1 - 408	1 - 192	1 - 378	1 - 437
	661931	589699	706675	736046	745861
	5311	5312	5313	5314	5315
	HNHIA16	HNHIA20	HNHIA34	HNHIA58	HNHIA64

AC004217, AC005365, AL079295, AL049747, AF109907, AL049869, Z81369, AC003550, AL008725, AL080317, AC007993, AC001083, AC005531, AL109628, AJ246003, AC005180, AC005618, AC005618, AC002312, AF196969, AF111168, AC005531, AL109628, AJ246003, AC004878, AC002400, AL035458, AC004596, Z83826, AL031348, AC004222, AC004223, AC004878, AC002400, AL035458, AC005844, AC005688, Z83847, AC006544, AC005277, AC007225, AC005003, Y14768, AF207550, AL049569, AC005301, AC005577, AC007227, AP000692, AC005303, Y14768, AF207550, AL049569, AC005821, AC005377, AL117694, AC002094, AC003383, Z94056, AC005281, AC005082, AL031427, AC005377, AL117694, AC002094, AC005398, Z80601, AC005289, AC005393, AC005377, AL117694, AC002094, AC005398, AC005281, AC005281, AC005383, AC005281, AC005281, AC005294, AC005294, AC005298, AC005295, AC005399, AP000553, U91326, AC005491, AF031078, AC005089, AC005288, AC007226, AC005399, AC005383, AC005281, AL13653, AC005291, AL109798, AC005094, AC005497, AC1121653, AC005089, AC005291, AL109992, AC005494, AC005491, AL031887, AC006077, AC005494, AC005494, AC005491, AL109928, AC005251, AL109928, AC005498, AC0064883, Z98044, Z99716, AC005294, AC005494, AC005578, AC006006, AL03887, AC006064, AL031887, AC006498, AC005521, AL109952, AC004983, AC005231, AC005231, AC005483, AC005231, AC005231, AC0064883, AC005231, AC005231, AC0064883, AC002477, AC006077, AC005491, AL031639, AC006491, AC005387, AC006493, AC0064883, AC0064883, AC005231, AC006494, AC0065387, AC006493, AC0064883, AC0064883, AC006483, AC006689,	100000115, 110001125, ALIDYOJ, ACOU4724, ACOU4130, allu ACOU4331.		R93353, AA447817, AA574189, AW139964, W81697, A1887846, AA831618, AA677404, A1124782, AA447667, AA765804, AC008173, AF124523, AF146367, AF118808, Z83841, AC002464, AC005820, AC006048, AC004074, AP000509, D84394, AL096775, AL109954, AC007359, AC008175, AL096801, and AC006313				AA663964, and AL035106.	AL121782.
	15 - 272	15 - 309	15 - 448	15 - 362	15 - 332	15 - 410	15 - 352	15 - 424
	1 - 258	1 - 295	1 - 434	1 - 348	1 - 318	1 - 396	1 - 338	1 - 410
	559344	970720	908419	967038	734763	781214	793210	705375
	5316	5317	5318	5319	5320	5321	5322	5323
	HNHIA73	HNHIA94	HNHIA95	HNHIB22	HNHIB56	HNHIB77	HNHIB94	HNHIC39

	T	Т	Т	
				AA169263, AA610219, N23896, AI053911, AA526630, AW074382, AA747469, AA719510, AA532882, AA532882, AA532882, AA532882, AA853883, AA867883, AA532882, AA532882, AA532882, AA8532883, AA867883, AA673282, AM971880, AA137013, AA673282, AA673283, AA67324, AA137013, AA679250, AA533944, AB102801, AA720058, AA706291, AW410354, AA137013, AA679550, AA807845, AA127426, AA531105, AA639672, AA613232, AW148507, AI445088, AA679553, AA6795763, AA8797845, AA127426, AA531105, AA639672, AA613232, AW148507, AI445088, AA867953, AA679763, AA8077845, AA127426, AA531105, AA639672, AA6131232, AW148507, AI445088, AA539590, AA807845, AA127426, AA531105, AA64942, AL138322, AW148507, AI445088, AA6831580, C75192, AI267818, AA722297, AI57624, AA6137623, AA684840, AC007161, AC007308, AC007309, AC005259, AC000730, AC007309, AC005259, AC006013, AC006134, AC004263, AC006073, AC006013, AC006144, AC004263, AC006073, AC005799, AC005790, AL03382, AC005790, AC005790, AL03382, AC006144, AC004263, AC006079, AC005790, AC005990, AC005790, AC005790
15 - 455	15 - 385	15 - 405	15 - 409	15 - 452
1 - 441	1 - 371	1 - 391	1 - 395	1 - 438
842003	928677	690646	727151	731761
5324	5325	5326	5327	5328
HNHIC46	HNHIC96	HNHID29	HNHID53	HNHID55
				2005

HNHID79 HNHIE82 HNHIE82 HNHIG01 HNHIG01 HNHIG19 HNHIG71 HNHIH23 HNHIH27 HNHIH27 HNHIH26	5329 5330 5331 5332 5334 5334 5334 5336 5336 5336 5337 5338 5339 5339	774044 765585 921945 916503 465404 668657 708713 753025 465407 675262 681727 689891	1 - 445 1 - 403 1 - 652 1 - 396 1 - 315 1 - 417 1 - 414 1 - 414 1 - 414 1 - 182 1 - 182 1 - 402	15 - 459 15 - 417 15 - 666 15 - 410 15 - 329 15 - 414 15 - 412 15 - 412 15 - 428 15 - 428 15 - 428 15 - 438 15 - 438 16 - 438 16 - 438 16 - 438 17 - 438 18 - 4	AC005632, AL133297, AL049766, AC004099, AB022785, AL121769, AP000697, AC007666, 297056, AL031680, AC004553, Y14768, AP000045, AL122020, AC002468, AP000550, AC007312, 228752, AL031230, AC005160, AP000348, Z93023, AL034705, AC004707, AL109939, AL031589, AL121603, AF065396, AC004707, AL109939, AL049705, AC006138, AL049647, AC006312, 105742, AC000514, AC004887, Z84480, AC006138, AL049647, AC005323, AC004149, AL031432, AL049539, AC006399, AC006138, AL049647, AC005823, AC004149, AL031432, AL049539, AC006399, AC006138, AL049647, AC005823, AC006312, AC006359, AC006332, AC006332
					AC007486, AC005881, AL109628, AP000555, AC004084, U79746, AC002477, AC005229, AC002044, AC000353, AC005562, AL020997, AC002072, AL049694, AC005484, AC003043, AC012099, and AL136297.
HNHIH58	5342	739290	1 - 343	15-357	AL031728.

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15 - 176	15 - 325	15 - 433																																		
1 - 162	1-311	1 - 419					_										**						7.													
684531	760371	765591								-																			•	-				•		
5343	5344	5345																																		
99HIHNH	HNHIH71	HNHIH73	-																									- 11				1				

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	1-414	1 - 596	1 - 435	1 - 405	1 - 333	1 - 390	1 - 391					1 - 409	1 - 335	1 - 377			**					1 - 301	1 - 461						
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HNHLD08	5384	859857	1 - 318	15 - 332	

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HNHLD13	HNHLD37	HNHLD81	HNHLE72	HNHLF25	HNHLF33	HNHLF58	HNHLP56	HNHLP69	HNHLP77	HNHLQ36	HNHLQ61	HNHLQ80	HNHLR73	HNHLR91		HNHLS04	HNHLS53	HNHLT49	HNHLV84	HNHLW93	HNHLX82	HNHMC78

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761661	784999	786457	918720	754452	771523	779321																										-				
5426	5427	5428	5429	5430	5431	5432											•																			
HNHMZ59	HNHMZ86	HNHMZ89	HNHNA02	HNHNA69	HNHNB77	HNHNC82																														

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	923052	922892	915341	852995	767329	922028	952291	790934	782316	785004	963562	923072	792328	929616	859826
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2109	HNHOA03	HNHOC03	HNHOD01	HNHOD62	HNHOE53	HNHOF03	HNHOF07	HNHOF92	HNHOG84	HNHOG86	HNHOH10	HNHOJ03	HNHOM92	HNH0016	HNHOO25

AP000700, and AP000701.				The state of the s			AF064861.	U91319.			Al471543, AA127353, AI298079, AW169537, T40617, AW167267, AI273968, AI718446, AI287485, AA199692, AW162288, F13749, AA669647, AI567076, AI635274, AI038990, AC007126, AC003006, AC000333, AI.023575, AC005180, AC005829, AL031848, AL022316, AL13744, AC006284, AL049569, AI003147, AI.035658, AC002404, AC008101, AC0065295, AC005154, AC006211, AC006285, AC016026, AC006057, AC006027, AC006021, AC006021, AC006021, AC006021, AC006012, AC006021, AC006013, AC006025, AL027107, AP000004, AP0001105, AC005157, AL049795, AC006013, AC006125, AC007216, AC005144, AC006544, AC005015, AI.049779, Z84480, AL035659, U95742, AC002470, AC006050, AC005839, AI.022238, AI.049979, Z84480, AL035659, U95742, AC005412, AL049636, AC007227, AC008783, AC006578, AC006578, AC006538, AC006538, AC00789, AC007895, AC007895, AC007895, AC007895, AC007895, AC00789, AC006583, AC007895, AC006583, AC007895, AC006583, AC006905, AC007895, AC006905, AC006908, AC006908, AC006908, AC006905, AC006908, AC00	AA179093, W05670, H75806, AI.137564, and AR028998	and the state of t
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5468	5469	5470	5471	5472	5473	5474	5475	5476	5477	5478	5479	5480	5/81
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			Z56336.			AA421740.			AC005828.	AA928156.	AL041914, AA262042, R14254, AL041237, F13514, and AL133057.	N70274, AI804923, AA934526, AI992261, AW140138, W88993, AI077351, AI793312, C06015,	D80164, D80195, D51022, D59502, D80038, D81026, D80247, D59467, D59275, C14389,	D80227, D58283, D80133, C15076, D80439, D80022, D80391, D59787, D80269, D80166,	D80193, D59619, D80210, D80240, D80045, D50979, D59859, C14331, AA305409, AA305578,	D51423, D51799, D80253, D80043, C14014, D81030, D59889, D80196, D80212, D80219,	D80268, D80366, D80188, D80522, D50995, D59927, D80157, T03116, D57483, AI525923,	AA809122, D45260, H67866, C03092, AW177440, AW178893, D58246, D80251, D59551,	D59503, D80258, AI525917, T11417, AW375405, F13647, D59317, AW360811, AI525235,	H67854, AI535686, AI525215, AI525920, AW360817, AW360834, CI4227, D59627, CI4973,	AI525227, D80064, D80014, AW178906, T03269, AW179328, T48593, AW375406, AW378534,	AI525925, AW179332, AW377672, AW179023, AW178905, AW17731, AW378528,	AW178762, AW179019, AI525242, AW378533, AW378532, AA514184, AI557774, AI525912,	AW377676, D59695, AW178907, AW178908, AI525237, D45273, Z21582, AW178914,	AW178774, AA285331, AI557751, AW367950, D80168, C16955, AW378542, Z33452, T02974,	D52291, AW378525, AW352163, C14298, AI525239, D51213, T03048, AI525228, D31458,	AI525216, AI525238, AI525969, AI525903, AF058696, A82595, AB028859, AJ132110,	AR060385, AR008278, A84916, AB002449, A62300, A62298, AR018138, I14842, I50126,	150132, 150128, 150133, AR054175, AR016691, AR016690, U46128, AR016514, X67155,	Y17187, AR060138, A45456, Y17188, A94995, D26022, AR008277, AR008281, A26615,	AR052274, A43192, Y12724, A63261, A43190, AR038669, A25909, AR066488, Y09669,	AR066487, A70867, A67220, D89785, A78862, D34614, A30438, AR062872, AR008443, I79511,	A64136, A68321, D88547, D50010, I82448, X68127, AR016808, X82626, AR025207, and AP060133	D80022, D80195, C06015, D80302, AA809122, AI525237, H67866, D58246, D80247, D81026,
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859820	786411	923013	787488	952246	859819	772970	974103	952244	859815	784919	784432	859812										-												783821
5482	5483	5484	5485	5486	5487	5488	5489	5490	5491	5492	5493	5494																						5495
HNHOX31	HNHOX89	HNHOZ04	HNHOZ90	HNHPC08	HNHPC36	HNHPC72	HNHPD04	HNHPD07	HNHPD13	HNHPE86	HNHPG61	HNHPG66																						HNHPG85

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	15 - 500	15 - 562	15 - 577	15 - 313	15 - 330	15 - 335	15 - 323	15 - 519	15 - 405	15 - 406	15 - 342	15 - 247	15 - 668	15 - 394	15 - 453	15 - 459	15 - 379	15 - 583	15 - 451	15 - 182	15 - 623
	1 - 486	1 - 548	1 - 563	1 - 299	1 - 316	1 - 321	1 - 309	1 - 505	1 - 391	1 - 392	1 - 328	1 - 233	1 - 654	1 - 380	1 - 439	1 - 445	1 - 365	1 - 569	1 - 437	1 - 168	609 <b>-</b> I
	934456	935322	739041	723558	536776	677474	925082	683251	666207	531280	907593	781718	716434	781405	900889	677717	866951	765376	888871	713143	985669
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	HNHPH29	HOIAE91	HPSAA31	HPSAA50	HPSAA63	HPSAB25	HSATA03	HSATA86	HSATE44	HSATE89	HSATF05	HSATF79	HSATJ56	HSATJ84	HSATM25	HSATM79	HSATQ28	HSATQ76	HSATR17	HSATR27	HSATR32

HSATR76	5517	659994	1 - 488	15 - 502	H85088.
HSATS23	5518	524369	1 - 288	15 - 302	AA502450, AI590404, AI278972, AI251024, AW028376, AW273201, AW273146, AA613761,
					AW238341, AW104163, F31670, AA338474, AA936099, AA364082, M77908, AA467740,
					AW023515, AW407679, AW409626, H92442, AI318548, AI567676, AA342029, AI344906,
					AI885134, AI754257, AA937618, AI445699, AA468135, AA533011, AA812133, AI053673,
					AW080118, AI434103, AW277125, AA219166, AA382171, AA743995, AA745336, AI572680,
					T34066, AA364199, AW149241, AA847340, AA707430, AI281622, AA570243, AI884404,
					AA707438, AW304592, AA707446, AI358557, AI032411, AI734119, AA489897, AA640305,
					AI370470, F25183, AA503459, AA668421, T03576, AI732720, AA300049, AA975894, AI538404,
					AA676462, AA730795, AA668148, AI003086, AA658890, AA468921, AI732327, AA487053,
					AI701898, AA303002, R95751, AW157424, AA172103, AI702049, AA846014, AW069110,
					AA328535, H51612, AA055647, AW265468, AI590442, AA309287, R33053, AI969090,
					AL138262, AA847341, AW148821, AI619727, AA663579, AI207744, AW192930, AA610644,
					AA365049, R12600, AA147521, AA362670, AL121039, AW021674, H47554, X84712,
				•	AW410844, AA829565, AA421536, AA991640, AW406139, AA657392, AW238242, AW409621,
					AI064968, AA829086, AA350081, AI744963, AA768079, AI521019, AL037723, AL037722,
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	1 - 331	1 - 356	1 - 409	1 - 447	1-316			1 - 239	1 - 361	1 - 227	1 - 117	1 - 249	1 - 511	1 - 163	1 - 392	1 - 384	1 - 907	1-357	1 - 971	1 - 412	1 - 426	1 - 368
	689823	732640	796565	732184	531171			866959	757624	954055	733714	932502	531170	571385	866933	527038	953628	953873	870437	988958	950714	866919
	5519	5520	5521	5522	5523			5524	5525	5526	5527	5528	5529	5530	5531	5532	5533	5534	5535	5536	5537	5538
	HSATS29	HSATS56	HSATT96	HSATV34	HSATW22			HSATX46	HSAUA88	HSAUB19	HSAUB90	HSAUD05	HSAUD45	HSAUE25	HSAUE40	HSAUF18	HSAUG15	HSAUH65	HSAUH69	HSAUI05	HSAUJ26	HSALIL 67

	AC004975.			F13740, and AI913247.	R98418.	AC003102, Z97635, AC008126, and AC005856.	AA907167, AA910829, AA988986, AA903887, AA825361, AA045623, AI222950, AI215879,	AI870657, AA902506, and AA916305.		H80879, R69751, H80878, R70467, AC004985, and AL022158.				AI637636, AW082668, T94015, AI332352, AA847421, AI565225, T93337, and AF115510.	AC005189, and AC005532.	AA481619, W88558, AA455714, AA455659, and AA481553.	AW021987, and AC004056.				T95438, AA004549, T95461, T95342, R01904, R01953, T95357, and AA704164.	AA731064, AW450807, AA513079, AA602113, AA503400, F36001, AA658915, AA844750, F24885, AI929819, T89864, F34389, AI748847, AI832751, F21165, AI929660, AA632963, F36287, F28779, F37620, AA621162, C00120, AP000046, AP000114, AP000303, AF193597,	AC006468.					AW104664.	AI299938, and AL109798.			
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526936	557848	009296	537544	744899	685253	006998	742073		932496	668998	584978	967286	932462	959949	417452	574243	715837	717837	279060	739521	714418	935797	920412	574709	531111	531398	964950	574784	522431	936049	827090	574269
5539	5540	5541	5542	5543	5544	5545	5546		5547	5548	5549	5550	5551	5552	5553	5554	5555	5556	5557	5558	5559	2560	5561	5562	5563	<del>  -                                    </del>	_		2567	8955	5569	5570
HSAUQ94	HSAUT77	HSAUW10	HSAUW71	HSAUZ38	HSAUZ57	HSAVA44	HSAVA61		HSAVB05	HSAVB19	HSAVC41	HSAVC76	HSAVF35	HSAVG81	HSAVH17	HSAVH95	HSAVI44	HSAVI46	HSAVI59	HSAVI77	1:SAVL43	HSAVN07	HSAVN17	HSAV037	HSAV053	HSAVO82	HSAVP10	HSAVQ46	HSAVQ56	HSAVR06	HSAVR74	HSAVS17

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A1537366 A1537366 A1491765 A1865980 A1697245 A1471455 AA48489	A477328 AA77328 AA6923 H90878, AA58465 AI537800 AW3020 AI188045 T47138,	AL09667 AJ003147 AL04986 AC00532 U96629, AC00548 AC00403 AC00403 Z83844, I	AC00733 AC00719 AC00569 AC00582 AC003304 AC00304 AC00304 AC00408 AC00408
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526756			
5571			
HSAVS46			

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	15-	15 -	15.	15-	15-	15 -	15 -	15 -	15-	15 -			
	1 - 81	1 - 314	1 - 645	1 - 220	1 - 130	1 - 453	1 - 443	1 - 636	1 - 350	1 - 295			
	866888	920565	577549	925582	967490	920695	574267	744614	574287	526958			
	5572	5573	5574	5575	5576	5577	5578	2579	2580	5581			
	HSAVS76	HSAVT18	HSAVT24	HSAVT95	HSAVU11	HSAVU14	HSAVW44	HSAVX96	HSAVY34	HSAVY58			

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		<u> </u>		$\vdash$		$\vdash$	H	—		$\vdash$	╁	_			
		HSAVZ65	HSAWA25	HSAWC89	HSAWG75	HSAWH47	HSAWI18	HSAWI50	HSAWJ36	HSAWJ93	HSAWL80	HSAWN67			

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	15 - 470	15 - 250	15 - 458
	1 - 456	1 - 236	444
	574280	$\vdash$	574159
	6095	5610	5611
	HSAXG30	HSAXI07	HSAXI47

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HSAXJ25	5 5613	964753	1 - 228	15 - 242	T98562, and AL031778.
HSAXL83	33 5614	866840	1 - 350	15 - 364	AC005971.
HSAXM33	33 5615	866837	1 - 368	15 - 382	
HSAXM34	34 5616	526939	1 - 242	15 - 256	AC003007, and AC005632.
HSAXM44	44 5617	$\vdash$	1 - 316	15 - 330	
HSAXM68	58 5618	754061	1 - 310	15 - 324	
HSAXM91	91   5619		1 - 229	15 - 243	AC004815.
HSAXN51	51 5620	574286	1 - 458	15 - 472	
HSAXO52	52 5621	726053	1 - 585	15 - 599	AA866609.
HSAXO53	53 5622	727491	1 - 309	15 - 323	AW009820, and AA568195.
HSAXO65	55 5623	713784	1 - 244	15 - 258	AC002331, AL034350, and AL033397.
HSAXP51	51 5624	725673	1 - 325	15 - 339	
HSAXR08	8 5625	959441	1 - 662	15 - 676	T78958, AA553524, T78906, and AL021453.
HSAXR83	33   5626		1 - 430	15 - 444	AW294886.
HSAXS44	14   5627	715896	1 - 327	15 - 341	

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15 - 370	15 - 634	15 - 420	15 - 604	15 - 376	15 - 439	15 - 404	15 - 627	15 - 751																						
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5628	5629	5630	$\vdash$	$\vdash$	5633	5634	5635	5636																						
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	15 - 444	15 - 357	15 - 370	15 - 607	15 - 360	15 - 281	15 - 350	15 - 365	15 - 376	15 - 679	15 - 353	15 - 226	15 - 386	15 - 583	15 - 405	15 - 304	15 - 357
	1 - 430	1 - 343	1 - 356	1 - 593	1 - 346	1 - 267	1 - 336	1-351	1 - 362	1 - 665	1 - 339	1 - 212	1 - 372	1 - 569	1 - 391	1 - 290	1 - 343
	881282	681730	950669	720352	765847	951025	920778	719241	959486	471037	745703	675897	681725	730688	856909	866818	964994
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1 - 362	1 - 355	1 - 334	1-217																										
666442	702423	712326	757577													********													
5654	5655	9999	2657																										
HSAZC18	HSAZC33	HSAZC41	HSAZC69																										

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	2680	5681	5682	5683	5684	5885	9895	5687	2688			***************************************																APL						
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HTABG83	5744	518355	1 - 164	15 - 178	AA381660, AA381544, AA381729, and AC004242.
HTABG87	5745	940153	1 - 530	15 - 544	R01633, AA381661, AA381405, and AR044136.
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HTACN31	5750	974314	1 - 394	15 - 408	AL080243,
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HTACT29	5757	537377	1 - 301	15 - 315	
HTACU21	5758	504612	1 - 130	15 - 144	AA381989, and AJ225782.
HTACU80	5759	809///	1 - 194	15 - 208	AA308896, AA299220, Z83840, AF134726, AL078644, and AC006026.

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	1 - 588	1 - 323	1 - 449	1 - 474	1 - 417	1 - 622	1 - 1047	1 - 470	1 - 54	1 - 701											_	_				
	838803	971526	780986	881092	934570	868433	973085	926692	744409	944409																
	5788	5789	5790	5791	5792	5793	5794	5795	9625	2197														-		
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	86/5	5799	2800	5801	5802																									
	HTAFE90	HTAFF11	HTAFF76	HTAFG52	HTAFG58					-																				

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	5803	5804	5805	5806	5807	5808	5809	5810	5811	5812		5813	5814	5815	5816	5817											+
	HTAGA71	HTAGB89	HTAGC91	HTAGI29	HTAGI53	HTAGL61	HTAGN04	HTAGV46	HTAGV49	HTAGZ11		HTAHB17	HTAH149	HTAHK12	HTAHL28	HTAHL45											